

USAFETAC/DS-79/011

A070143

**DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)**

**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

GILA BEND AAF ARIZONA WBAN# 03148
N 32 56 W 112 42 FLD ELEV 858 FT GBN WMO# 74724

PARTS A-F

POR FROM HOURLY OBS: SEP 68-MAR 71, NOV 71-AUG 75

POR FROM DAILY OBS: NOV 48-OCT 60, JAN 71-AUG 75

DEC 23 1975

**FEDERAL BUILDING
ASHEVILLE, N. C.**

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FOR THE COMMANDER



WALTER S. BURGMANN
Scientific & Technical
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A070143

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II
LEVEL

DDC PROCESSING DATA

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THIS SHEET

I
INVENTORY

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19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperature Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative humidity *Climatological data (over)			
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Gila Bend AAF, Gila Bend, Arizona It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)			

19. Percentge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Arizona

* Gila Bend AAF AZ

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

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THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV .

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY ~~00-02, 03-05~~

FEBRUARY ~~00-02, 03-05~~

MARCH ~~00-02, 03-05~~

APRIL ~~00-02, 03-05~~

MAY ~~00-02~~

JUNE ~~00-02, 03-05~~

JULY ~~00-02~~

AUGUST ~~00-02, 03-05~~

SEPTEMBER ~~00-02, 03-05~~

OCTOBER ~~00-02, 03-05~~

NOVEMBER ~~00-02~~

DECEMBER ~~00-02~~

STATION NO OR SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV (FT)		CALL SIGN		WMO NO. DT	
03148		GILA BEND AAF ARIZONA		N 32 56		W 112 42		858		CHIN		14/24	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION APOV. MSI		OBS PER DAY				
			FROM	TO			FIELD (FT)	HT BARO.					
1	Gila Bend Airport Arizona	CAA	Nov 48	Oct 60	N 32 53	W 112 43	853	857	Daily obs only 9-13 Same				
2	Gila Bend Aux AF Arizona	AF	Oct 68	Apr 69	N 32 56	W 112 41	846						
3	Gila Bend AAF Arizona	AAF	May 69	Aug 75	N 32 56	W 112 42	858						
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE							
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND								
1	Nov 48	N/A	N/A	N/A	N/A								
2	May 69	Same	AN/GMO-20	Same	13 Ft								
3	Aug 75	Same	Same	Same	Same								

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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148 GILA BEND AAF ARIZONA

68-75

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		1.0				1.0	.6	.4			1.0	1252
FEB		.1	1.6				1.6	.4	.2		.3	.9	1199
MAR		.3	1.8				1.8	.1			.9	1.0	1338
APR			1.5				1.5				1.0	1.0	1263
MAY											.2	.2	1293
JUN		.2	.1				.1				1.0	1.0	1287
JUL		1.7	1.1				1.1						1079
AUG		2.5	.6				.6				.1	.1	1219
SEP		2.6	1.2				1.2				.4	.4	1129
OCT		.8	2.5				2.5	.1			.2	.2	1244
NOV		.2	.5				.5	.5	.1			.6	1373
DEC			.9				.9	.2	.5			.7	1312
TOTALS		.7	1.1				1.1	.2	.1		.3	.6	14988

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148 GILA BEND AAF ARIZONA

69-75

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	00-02												
	03-05												
	06-08		2.5				2.5	1.1				1	354
	09-11		1.8				1.8	1.5	1.2			2.7	332
	12-14		.7				.7	1.0	.7			1.7	301
	15-17		1.2				1.2		.6			.6	167
	18-20												93
	21-23												5
TOTALS			1.0				1.0	.6	.4			1.0	1252

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03149 GILA BEND AAF ARIZONA

69-75

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02												
	03-05												
	06-08		2.1				2.1	2.1			.3	2.4	327
	09-11		2.0				2.0	.3	1.0			1.3	304
	12-14	.3	2.6				2.6		.3		.7	1.0	306
	15-17		2.2				2.2				.7	.7	139
	18-20		.9				.9						112
	21-23												11
TOTALS		.1	1.6				1.6	.4	.2		.3	.9	1199

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03149 GILA BEND AAF ARIZONA 69-75 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAR	00-02												
	03-05												
	06-08		2.9				2.9						375
	09-11		2.3				2.3	.3				.3	345
	12-14	.6	3.1				3.1	.3			.6	.8	354
	15-17	1.2	1.2				1.2				.6	.6	162
	18-20		1.1				1.1				4.4	4.4	90
	21-23												12
TOTALS		.3	1.8				1.8	.1			.9	1.0	1338

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148

GILA BEND AAF ARIZONA

69-70, 72-75

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02												
	03-05												
	06-08												348
	09-11		2.3				2.3				1.0	1.0	309
	12-14		1.8				1.8				.9	.9	328
	15-17		3.8				3.8				2.3	2.3	132
	18-20		.8				.8				1.7	1.7	118
	21-23												28
TOTALS			1.5				1.5				1.0	1.0	1263

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148

GILA BEND AAF ARIZONA

69-70, 72-75

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAY	00-02												
	03-05												1
	06-08												365
	09-11										.3	.3	325
	12-14										.3	.3	313
	15-17										.6	.6	168
	18-20												96
	21-23												25
TOTALS											.2	.2	1293

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148

GILA BEND AAF ARIZONA

69-70, 72-75

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUN	00-02												
	03-05												
	06-08										.8	.8	364
	09-11										.9	.9	321
	12-14	1.0	.7				.7				.7	.7	304
	15-17										2.6	2.6	154
	18-20										.9	.9	112
	21-23												32
TOTALS		.2	.1				.1				1.0	1.0	1287

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148 GILA BEND AAF ARIZONA

69-70, 72-75

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02												
	03-05												3
	06-08		.3				.3						315
	09-11	.4	.8				.8						253
	12-14	.4											281
	15-17	7.1	4.0				4.0						126
	18-20	4.0	2.7				2.7						75
	21-23												26
TOTALS		1.7	1.1				1.1						1079

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2DATA PROCESSING BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148

GILA BEND AAF ARIZONA

69-70, 72-75

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02												
	03-05												
	06-08	.8	1.6				1.6						367
	09-11		.4				.4						272
	12-14	1.3	.3				.3				.3	.3	305
	15-17	7.0	1.3				1.3						158
	18-20	2.2											90
	21-23	3.7											27
TOTALS		2.5	.6				.6				.1	.1	1219

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148 GILA BEND AAF ARIZONA 68-70,72-74 SEP
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02												
	03-05												
	06-08	2.4	2.4				2.4						339
	09-11	.6	.3				.3						308
	12-14		.3				.3						303
	15-17	5.7									1.0	1.0	105
	18-20	6.8	4.1				4.1				1.4	1.4	73
	21-23												1
TOTALS		2.6	1.2				1.2				.4	.4	1129

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148

GILA BEND AAF ARIZONA

68-70, 72-74

JCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JCT	00-02												
	03-05												
	06-08	1.1	4.4				4.4	.3			.3	.5	367
	09-11	.9	.6				.6				.6	.6	326
	12-14	1.2	2.1				2.1						330
	15-17	1.6	4.8				4.8						124
	18-20		3.2				3.2						94
	21-23												3
TOTALS		.8	2.5				2.5	.1			.2	.2	1244

DATA PROCESSING BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148

GILA BEND AAF ARIZONA

68-74

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02												
	03-05												1
	06-08	.3	.8				.8	1.5				1.5	399
	09-11	.9	2.0				2.0	2.0				2.0	351
	12-14		.6				.6		.6			.6	344
	15-17												173
	18-20												104
	21-23												1
TOTALS		.2	.5				.5	.5	.1			.6	1373

DATA PROCESSING BRANCH
USAF ETAC
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WEATHER CONDITIONS

03148 GILA BEND AAF ARIZONA

68-74

JFL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02												
	03-05												2
	06-08		1.4				1.4	.8	.3			1.1	365
	09-11		.3				.3	.6	.6			1.2	335
	12-14		1.2				1.2		1.8			1.8	328
	15-17		.6				.6		.6			.6	166
	18-20		2.8				2.8						106
	21-23												10
TOTALS			.9				.9	.2	.5			.7	1312

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXX
XX WEATHER CONDITIONS XX
XXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

03148 GILA BEND AAF ARIZONA

48-60, 71-75

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.6	14.4				14.4	1.7	.2			1.9	420
FEB		1.4	11.2			.2	11.2	1.1	.5			1.6	438
MAR		1.4	10.7			.2	10.7	.2	.2		.2	.6	485
APR		1.3	6.2				6.2		.4		.2	.6	467
MAY		.6	2.5				2.5				.8	.8	477
JUN		3.6	4.3			.2	4.3		.2			.2	469
JUL		22.9	21.8			.6	21.8	.2	.2		1.9	2.3	481
AUG		21.9	21.0			.2	21.0	1.0	.2		.4	1.6	485
SEP		8.7	9.1				9.1				.5	.5	439
OCT		3.7	12.7				12.7	.7				.7	455
NOV		.9	7.8				7.8	.2			.2	.4	446
DEC		.7	9.5			.4	9.5	1.5				1.5	452
TOTALS		5.6	10.9			.1	10.9	.5	.2		.3	1.1	5574

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945 at 0800LST
Jan 46-May 47 at 1230GMT
Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT
Jul 52-May 57 at 1230GMT
Jun 57-present at 1200GMT

3

DATA PROCESSING BRANCH
USAF LEG
AF WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

02147 GILA BEND AFB ARIZONA

48-60, 71-75

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	84.6	1.6	.0	3.8	2.2	3.2	2.2	.0						12.9	372	.67	2.02	TRACE
FEB	85.2	6.2	.0	.0	.0	1.5	1.5	.3	.3					5.6	339	.32	1.36	TRACE
MAR	80.7	2.7	.5	2.7	1.1	1.9	1.3	1.1						0.6	372	.49	2.52	.00
APR	95.3	2.5	.3	1.7	.5	.6	1.1							4.2	360	.17	.90	.00
MAY	96.3	1.6	.3	.5		.5	.3							1.6	372	.06	.29	.00
JUN	95.3	2.8	.5	.6	.0	.3								1.7	360	.04	.33	.00
JUL	73.7	10.2	1.6	3.5	3.0	4.8	2.2	.0	.3					14.1	372	.83	1.94	.05
AUG	73.7	11.5	1.5	4.3	2.2	2.7	2.7	1.3	.3	.3				15.3	372	1.24	5.01	.05
SEP	39.7	6.4		1.4	1.1	.8	.3		.3					3.9	360	.20	2.00	.00
OCT	74.3	6.6	.3	2.7	.3	1.6	1.3	.0						7.5	372	.43	1.68	.00
NOV	91.1	4.2	.5	1.1	.3	1.4	1.4	.3						4.7	359	.32	1.80	.00
DEC	90.2	3.3	.4	1.4	1.1	1.0	1.1	.0						6.5	368	.43	2.04	.00
ANNUAL	21.5	5.1	.7	2.0	1.1	1.9	1.2	.5	.1	.0				7.4	4378	5.27		

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA

48-60, 71-75

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48											.00*	.43	
49	.60	.04	.58	.02	.00	.04	.09	.14	1.93	.03	.30	.42	1.93
50	.09	.20	.14	.00	.00	TRACE	.60	.48	.20	.00	.21	.04	.60
51	.56	.13	.01	.28	.26	.00	.56	3.00	.05	.08*	.59	.18	3.00
52	.22	.29	.60	.40	.00	.03	.23	1.25	.08	.00	.50	.42	1.25
53	.04	.31	.10	.02	TRACE	.00	.32	.50	.00	TRACE	.02	TRACE	.50
54	.04	.53	.36	.00	.21	.24	1.43	.10	.10	.02	.00	TRACE	1.43
55	.46	TRACE	.00	.00	.00	.00	.90	.83	TRACE	.31	TRACE	.15	.90
56	.19	.22	.00	TRACE	.00	.00	.34	.05	.05	.18	.00	.00	.34
57	.40	.05	.21	.28	.05	.01	.30	.10	.00	.70	.02	.06	.70
58	TRACE	1.35	.39	.20	TRACE	.01	.18	.66	.16	.67	.25	.00	1.35
59	.06	.40	.00	.02	.00	TRACE	.03	.98	.20	.56	.25	.81	.98
60	.75	TRACE	.19	.00	.15	TRACE	.45	.35	.35	.45			
71													
72													
73													
74													
75													
MEAN	.284	.293	.215	.102	.056	.028	.453	.703	.260	.257	.178	.209	1.180
S D	.239	.372	.220	.146	.095	.068	.390	.818	.536	.276	.208	.257	.763
TOTAL OBS.	372	339	372	360	372	360	372	372	360	372	359	368	4378

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

48-60, 71-75
YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48											.00*	.66	
49	2.02	.05	.83	.02	.00	.04	.17	.42	2.00	.10	.30	.76	6.71
50	.18	.30	.26	.00	.00	TRACE	1.27	.48	.30	.00	.21	.04	3.04
51	.87	.14	.01	.52	.29	.00	1.10	5.61	.05	.16*	.97	.35	*10.07
52	.45	.46	2.53	.90	.00	.03	.77	1.76	.08	.00	1.80	.53	9.31
53	.07	.67	.10	.02	TRACE	.00	1.04	1.65	.00	TRACE	.03	TRACE	3.58
54	.06	.53	.81	.00	.21	.33	1.94	.13	.10	.02	.00	TRACE	4.13
55	1.78	TRACE	.00	.00	.00	.00	1.87	1.05	TRACE	.31	TRACE	.15	5.16
56	.22	.22	.00	TRACE	.00	.00	.55	.05	.05	.21	.00	.00	1.30
57	1.45	.05	.32	.28	.03	.01	.80	.33	.00	1.88	.04	.06	5.27
58	TRACE	1.36	.63	.24	TRACE	.01	.18	1.48	.16	.69	.25	.00	5.00
59	.06	.84	.00	.02	.00	TRACE	.05	1.18	.20	1.06	.25	2.64	6.30
60	.89	TRACE	.34	.00	.15	TRACE	.45	.68	.41	.76			
71													
72													
73													
74													
75													
MEAN	.671	.385	.486	.167	.058	.035	.849	1.235	.279	.433	.321	.433	5.443
S.D	.726	.413	.714	.283	.101	.094	.626	1.498	.557	.575	.540	.749	2.591
TOTAL OBS	372	339	372	360	372	360	372	372	360	372	359	368	4378

NOTE * (BASED ON < FULL MONTHS)

2

DATA PROCESSING BRANCH
USAF LTAC
AIR WEATHER SERVICE/VAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA

49-50, 71-75

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	.06-10	.11-25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														372	.0	.0	.0
FEB	100.0														359	.0	.0	.0
MAR	100.0														372	.0	.0	.0
APR	100.0														360	.0	.0	.0
MAY	100.0														372	.0	.0	.0
JUN	100.0														360	.0	.0	.0
JUL	100.0														372	.0	.0	.0
AUG	100.0														372	.0	.0	.0
SEP	100.0														360	.0	.0	.0
OCT	100.0														372	.0	.0	.0
NOV	100.0														359	.0	.0	.0
DEC	99.7	.3													372	TRACE	TRACE	.0
ANNUAL	100.0	.0													4762	.0	X	X

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES SNOWFALL

(FROM DAILY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA

48-60, 71-75

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48											.0	.0	
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
71													
72													
73													
74													
75													
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TRACE	.00
S D	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.000
TOTAL OBS.	372	339	372	360	372	360	372	372	360	372	359	372	4382

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

2

(FROM DAILY OBSERVATIONS)

48-60, 71-75

YEARS

1

1

2

1

4

1

1

2

4

54

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA

68-69, 71-75

STATION

STATION NAME

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														372			
FEB	100.0														360			
MAR	100.0														372			
APR	100.0														360			
MAY	100.0														372			
JUN	100.0														360			
JUL	100.0														372			
AUG	100.0														372			
SEP	100.0														360			
OCT	100.0														372			
NOV	100.0														359			
DEC	100.0														372			
ANNUAL	100.0														4382			

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA

48-60, 71-75

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48													
49	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0*	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
71													
72													
73													
74													
75													
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S D	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	372	339	372	360	372	360	372	372	360	372	359	372	4382

NOTE * (BASED ON < FULL MONTHS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders. DATA NOT AVAILABLE

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA 68-75 ALL
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.6	1.5	.3	.0							7.1	5.3
NNE	1.5	2.5	.7	.2	.0	.0						4.7	5.2
NE	1.1	1.8	1.0	.3	.0	.0						4.2	5.8
ENE	1.0	1.3	.9	.5	.1	.0						3.8	6.5
E	1.2	1.2	.6	.3	.1	.0						3.4	5.6
ESE	.9	.8	.3	.1	.0							2.0	4.5
SE	.9	1.1	.3	.1	.0							2.4	4.6
SSE	1.2	1.7	.6	.1	.0	.0	.0					3.6	5.0
S	1.2	1.8	1.2	.7	.2	.0	.0					5.1	7.0
SSW	.5	1.2	1.3	.7	.2	.0	.0					4.0	8.4
SW	.6	1.6	2.1	.8	.2	.0	.0					5.4	8.1
WSW	1.0	2.4	2.2	1.1	.2	.1						7.0	7.9
W	1.5	3.1	2.3	.6	.1	.1	.0					7.7	6.6
WNW	.8	1.7	.8	.2	.0	.0	.0					3.6	5.8
NW	.9	1.6	.5	.1	.0	.0	.0					3.2	5.2
NNW	1.2	1.8	.5	.1	.0	.0						3.7	4.7
VARBL													
CALM												29.2	
	17.0	29.2	16.8	6.2	1.2	.3	.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 14843

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

02148 GILA BEND AAF ARIZONA 69-75 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	6.4	3.8	.2								12.3	5.7
NNE	1.1	3.8	1.2	.1	.1							6.3	5.2
NE	1.6	2.7	1.1	.2	.1							5.7	5.2
ENE	1.9	2.5	.8	.1	.1							5.4	4.8
E	1.6	2.0	.4									4.0	4.0
ESE	2.0	.9										2.9	2.9
SE	.7	.3	.1									1.1	3.1
SSE	1.6	1.4	.1	.2	.1							3.4	4.6
S	.7	1.3	.7	.5	.1							3.3	5.8
SSW	.6	.3	.7	.2	.1							1.9	7.0
SW	.5	1.0	.7	.2								2.5	6.5
WSW	.8	1.6	1.5	.7	.1							4.7	7.3
W	1.1	1.5	2.0	.6								5.2	6.8
WNW	.7	1.7	.7	.2	.1							3.4	5.9
NW	1.0	1.1	.6	.2	.1							2.6	5.3
NNW	1.2	3.0	.4	.1								4.8	4.7
VARBL													
CALM												30.7	
	19.0	31.6	14.4	3.5	.7							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1221

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148 GILA BEND AAF ARIZONA 69-74 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.7	2.3	.2								9.9	5.1
NNE	1.7	5.3	1.2	.3								8.4	5.1
NE	1.3	2.8	1.6	.3	.1							5.9	5.9
ENE	1.3	2.0	1.0	1.3	.2							5.8	7.1
E	1.4	1.8	.8	.7	.2							4.8	6.4
ESE	1.1	.8	.3									2.2	4.1
SE	1.3	1.3	.2	.1								2.8	3.9
SSE	1.4	1.6	.3	.3								3.6	4.7
S	1.2	1.9	.6	.5								4.2	5.7
SSW	.3	1.0	.6	.3	.1							2.3	7.2
SW	.7	1.3	.9	.1								2.9	5.6
WSW	1.5	2.1	1.3	.3	.1							5.3	5.9
W	1.0	2.1	1.8	.6								5.4	6.4
WNW	.8	1.2	.3	.3	.2	.1	.1					2.9	7.3
NW	.8	1.3	.3	.1		.1	.1					2.6	6.3
NNW	1.4	2.5	.7									4.6	4.6
VARBL													
CALM												26.6	
	19.8	33.4	14.0	5.1	.8	.2	.2					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1197

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA 69-75 YEAR
STATION STATION NAME YEARS MONTH
ALL WEATHER ALL
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.9	1.3	.7								7.3	5.8
NNE	1.3	2.3	.5									4.2	4.4
NE	1.3	1.8	.4									3.4	4.2
ENE	.7	.7	.4	.1								1.9	4.9
E	.5	.6		.1								1.2	3.8
ESE	.4	.7	.1	.1								1.3	4.4
SE	1.1	.8	.1	.1	.1							2.2	4.3
SSE	1.3	2.0	.8	.1								4.3	4.8
S	1.5	1.7	1.8	1.5	.5	.1						7.1	8.4
SSW	.8	1.3	1.9	1.9	.7	.1						6.6	9.7
SW	.7	2.6	3.1	1.0	.2	.1						7.9	7.9
WSW	1.2	2.1	3.0	1.2	.3							7.8	7.8
W	1.9	2.7	2.5	.9	.4	.1	.1					8.5	7.2
WNW	.8	1.9	.4	.6	.1							3.8	6.6
NW	.9	1.4	.7	.2								3.3	5.6
NNW	1.4	1.1	.3									2.8	3.8
VARBL													
CALM												26.4	
	17.5	27.7	17.2	8.5	2.3	.3	.1					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1337

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KN ¹ / Dir.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.6	.8	.1								4.6	4.9
NNE	.8	1.6	.2	.2		.1						2.9	5.4
NE	1.0	.7	.8	.6	.1							3.2	6.5
ENE	.4	.6	.6	.4		.1						2.1	7.3
E	.8	.5	.2	.4								1.8	5.7
ESE	.7	.6	.2									1.5	3.8
SE	.6	.7	.5									1.8	5.0
SSE	1.4	2.1	.5									4.0	4.3
S	1.5	1.5	1.0	.8	.1							5.0	6.7
SSW	.4	1.4	2.6	1.3	.2		.1					6.1	9.4
SW	1.4	2.1	3.8	2.6	.6	.1						10.5	9.1
WSW	.5	2.3	3.8	4.3	1.1	.4						12.5	11.0
W	1.4	4.2	3.1	1.8	.6	.5	.2					11.7	8.9
WNW	.6	2.2	1.1	.4								4.3	6.4
NW	.6	2.2	.7	.4	.1							4.0	6.2
NNW	1.5	2.0	.8	.2								4.6	4.9
VARBL													
CALM												19.5	
	14.8	27.3	20.6	13.6	2.9	1.1	.2					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 1252

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

62-70, 72-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	.6	.2								3.9	5.1
NNE	.9	2.1	.2	.3								3.5	4.9
NE	.8	.5	1.0	.5								2.8	7.1
ENE	.6	.3	.4	.4								1.7	6.4
E	.4	.6	.2	.1								1.3	5.5
ESE	.5	.6	.4		.1							1.6	6.1
SE	1.0	1.2	.2	.1								2.5	4.2
SSE	.9	2.3	1.1	.2								4.4	5.7
S	1.3	2.2	1.7	.9	.3							6.6	7.4
SSW	.6	1.3	1.8	1.0	.2		.2					5.1	9.4
SW	.3	2.1	3.8	1.6	.1							7.8	8.8
WSW	1.2	3.1	3.5	1.7	.2							9.7	7.9
W	1.7	4.1	2.8	.6	.2	.2						9.6	6.8
WNW	.8	1.3	.7	.2								2.9	5.7
NW	1.2	1.6	.6	.1								3.4	4.7
NNW	1.3	2.0	.2	.2								3.7	4.3
VARBL													
CALM												29.4	
	14.4	27.4	19.3	8.0	1.2	.2	.2					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1267

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.3	.2									3.3	4.2
NNE	.9	1.1	.2	.1								2.4	4.4
NE	.2	.5	.3	.2	.2							1.3	8.1
ENE	.6	.3	.2	.4	.1	.1						1.7	8.1
E	.3	.8	.2	.4	.2							2.0	8.3
ESE	.3	.9	.2	.2								1.6	6.1
SE	.5	1.3	.6	.2								2.6	5.8
SSE	.8	.6	1.1	.2			.1					2.8	7.1
S	.4	1.5	2.4	1.4	.6							6.2	9.4
SSW	.4	2.0	2.2	1.9	.7	.2	.2					7.5	10.7
SW	.6	2.6	3.2	.9	.5	.2	.2					8.0	9.0
WSW	.9	3.0	3.6	1.0	.3	.4						9.2	8.5
W	1.3	4.6	3.6	.9								10.4	6.5
WNW	1.0	2.2	1.4	.5								5.1	5.0
NW	.9	1.9	.9									3.6	5.0
NNW	1.1	1.6	.5									3.2	4.4
VARBL													
CALM												29.2	
	11.0	27.0	20.8	8.4	2.5	.8	.4					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1269

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA 69-70, 72-75 JUL
STATION TA NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 5	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.2	.8	.2								2.9	5.5
NNE	.4	.4	.4	.2								1.3	6.6
NE	.7	.8	.6	.1								2.2	5.4
ENE	.5	.5	.4	.2								1.5	6.2
E	.9	.4	.7	.2		.1						2.3	6.3
ESE	.2	.8	.3									1.2	5.2
SE	.8	1.2	.4	.1	.1							2.6	5.5
SSE	.9	2.2	.8	.1	.1	.1						4.1	6.0
S	.8	3.3	1.9	.8	.1	.1						6.9	7.3
SSW	.6	2.3	2.3	.5	.2							5.8	7.4
SW	1.0	2.0	3.0	1.6	.1	.1						7.8	8.2
WSW	1.4	3.8	3.8	1.3	.3	.1						10.7	7.6
W	2.0	4.3	4.6	.7								11.7	6.5
WNW	.9	2.3	1.6	.1	.1							5.0	5.8
NW	.7	1.7	.6	.3								3.2	5.7
NNW	.6	.8	.7	.2								2.2	6.1
VARBL													
CALM												28.6	
	13.0	28.0	22.4	6.5	.9	.5						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1066

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA 69-70,72-75 AUG
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.8	.6									2.7	5.4
NNE	1.3	.9	.3	.1								2.6	4.3
NE	.4	1.2	.2	.2								2.1	5.5
ENE	1.1	1.1	.2									2.4	3.9
E	1.6	1.9	.7	.2	.1							4.4	5.2
ESE	.8	.8	.4	.2								2.2	5.4
SE	.7	1.2	.4	.1								2.4	4.8
SSE	1.0	2.1	1.1	.2								4.4	5.5
S	1.6	2.4	1.6	.4	.1	.1						6.2	6.3
SSW	1.0	1.7	1.2	.2								4.2	5.7
SW	.5	1.4	2.5	.4	.2							5.0	7.7
WSW	1.7	3.9	2.5	.5								8.6	6.0
W	1.9	4.6	2.5	.2								9.3	5.4
WNW	.8	2.9	.9	.2								4.8	5.2
NW	.6	1.9	.7	.2								3.3	5.5
NNW	.7	1.8	.7	.2	.1							3.4	6.0
VARBL													
CALM												32.1	
	15.9	31.6	16.7	3.3	.4	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1216

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.7	1.2	.3								6.3	5.1
NNE	1.6	2.4	.4	.1	.1	.1						4.7	5.1
NE	1.2	2.1	1.1	.3								4.6	5.6
ENE	.8	2.0	3.1	1.5	.2							7.5	8.2
E	1.5	1.5	1.3	.8	.3							5.5	7.0
ESE	1.1	1.4	1.0	.1								3.5	5.3
SE	1.0	1.5	.4	.2								3.0	4.7
SSE	1.7	2.0	.7									4.3	4.4
S	1.2	2.1	1.2	.4								4.9	5.7
SSW	.8	.5	.9	.2								2.2	6.4
SW	.5	.9	1.7	.6								3.7	7.8
WSW	.8	2.1	1.2	.4	.1							4.6	6.5
W	1.3	3.3	1.2	.1								5.9	5.5
WNW	.5	1.2	.7									2.4	5.4
NW	1.2	1.2	.2									2.6	3.9
NNW	1.4	2.1	.4	.1		.1						4.1	4.7
VARBL													
CALM												30.1	
	18.4	29.2	16.7	5.0	.6	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1128

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

UCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	5.4	2.4	.5								10.7	5.5
NNE	1.4	3.3	1.0	.1								5.8	4.8
NE	1.9	2.8	1.4	.2								6.4	5.3
ENE	1.0	1.0	1.9	.3	.1							4.3	6.9
E	1.8	1.6	.8	.3	.1							4.6	5.4
ESE	1.0	.8	.2									1.9	3.8
SE	1.1	1.6	.4	.2								3.3	4.6
SSE	1.0	1.7	.1	.2								2.9	4.7
S	1.3	1.4	1.2	.6								4.5	6.2
SSW	.3	.6	1.0	.5	.1							2.5	8.4
SW	.6	1.3	1.4	.6	.2							3.9	7.7
WSW	.3	1.9	1.2	.4	.1	.1						4.0	7.6
W	1.0	2.9	.9	.4	.1							5.3	5.9
WNW	.9	1.6	.4	.2	.1							3.1	5.4
NW	1.1	2.3	.4	.1								3.9	4.6
NNW	1.5	1.9	.7									4.1	4.5
VARBL													
CALM												28.7	
	18.8	32.0	15.4	4.5	.6	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1242

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

NNV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	5.6	2.3	.4	.1							10.7	5.6
NNE	2.1	3.9	1.1	.7	.2	.1						8.0	6.0
NE	1.4	2.4	1.8	.7	.1	.1						6.5	6.6
ENE	1.5	2.3	1.0	.7	.4							5.9	6.8
E	2.0	1.2	.7	.3	.1							4.2	5.0
ESE	.9	.8	.1	.1								2.0	4.5
SE	.8	.5	.4	.1								1.9	5.2
SSE	1.2	1.3	.2	.1								2.9	4.0
S	1.2	1.2	.2	.4	.2							3.3	5.8
SSW	.3	1.0	.6	.1								1.9	6.3
SW	.4	.8	.7	.4	.1							2.3	7.5
WSW	.5	1.5	.7	.6	.1							3.5	7.4
W	1.5	1.9	1.2	.1	.1							4.8	5.2
WNW	1.2	1.5	.6	.1								3.4	4.5
NW	.7	1.6	.3									2.6	4.4
NNW	1.8	1.6	.4									3.8	3.9
VARBL													
CALM												32.2	
	19.8	29.1	12.7	4.8	1.3	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1367

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	4.4	2.0	.2								9.4	5.0
NNE	1.6	2.8	1.4	.2								6.0	5.5
NE	.9	3.0	1.4	.3								5.6	5.8
ENE	1.2	2.0	1.2	.8								5.2	6.1
E	2.0	1.2	.9	.3	.1							4.5	5.3
ESE	1.6	.2	.1									2.0	3.1
SE	1.2	1.2	.2	.1								2.7	3.9
SSE	1.2	1.2	.1									2.4	3.6
S	1.7	1.2	.2	.4			.1					3.7	5.3
SSW	.6	.7	.4	.1								1.8	5.1
SW	.6	.9	.5	.2								2.3	5.8
WSW	.9	1.2	.9	.4		.1						3.4	6.6
W	1.8	1.8	1.5	.2								5.2	5.4
WNW	.9	1.1	.5	.2								2.7	5.0
NW	1.2	1.3	.5	.1								3.1	4.6
NNW	.5	1.6	.3	.1	.1							2.7	5.0
VARBL													
CALM												37.3	
	20.8	26.0	12.1	3.4	.2	.1	.1					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

1281

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

031-8
STATION

GILA BEND AAF ARIZONA
STATION NAME

64-75
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.3	.3									1.4	4.4
NNE		1.7										1.7	4.7
NE	2.6	2.3	.3									5.2	3.6
NNE	2.6	3.2	.9	.3	.3							7.2	4.9
E	2.3	4.9	.9									8.1	4.3
ESE	5.5	2.3										7.8	3.0
SE	1.7	1.2										2.9	3.1
SSE	3.8	2.9										6.7	3.5
S	1.2	1.4	.6	.3								3.5	5.3
SSW	1.2	.6	.6	.3								2.6	5.4
SW	.6	1.2	.6									2.3	5.4
WSW	.3	.9	1.2	.9								3.2	8.3
W		.6	.3									.9	5.3
WNW		.9										.9	5.7
NW	.3											.3	3.0
NNW		.3										.3	4.0
VARBI												44.9	
CALM													
	22.9	24.6	5.5	1.7	.3							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 345

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-75
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	7.0	4.0									14.0	5.4
NNE	3.0	7.6	1.5	.3	.2							12.8	5.0
NE	2.1	6.7	.9		.3							10.0	5.1
ENE	3.6	4.5	1.8									9.4	4.7
E	3.0	1.2	.6									4.9	3.4
ESE	1.5	.3										1.8	2.5
SE	.6		.3									.9	3.7
SSE	.9	1.5		.3								2.7	4.4
S	.3	.3	1.5	.6								2.7	8.4
SSW	.3	.3	1.5									2.1	7.3
SW	.6	.6	1.2	.6								3.0	8.1
WSW	.9	1.8	2.1									4.9	6.4
W		.6	.9									1.5	7.8
WNW		.6	.3									.9	6.0
NW	.3	.3		.3								.9	7.7
NNW	.6	1.8										2.4	4.1
VARBL													
CALM												24.9	
	21.0	34.7	16.7	2.1	.6							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 329

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-75
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	9.4	7.4	.3								20.2	5.8
NNE	1.0	3.7	3.4									8.1	5.9
NE	.7	1.0	2.4	.7								4.7	7.1
ENE		1.3	.3									1.7	5.8
E	.7											.7	2.0
ESE													
SE													
SSE		.3		.3	.3							1.0	12.3
S	.3	1.0	.3	.3								2.0	6.7
SSW	.3		.3	.3	.3							1.3	11.3
SW		1.0	.7	.3								2.0	7.3
WSW		.7	1.7	.3	.3							3.0	9.9
W	1.7	3.0	4.4	1.0								10.1	7.1
WNW	2.4	1.3	1.3	.7								5.7	5.4
NW	1.7	2.0		.3								4.0	4.3
NNW	2.7	6.7	1.3	.3								11.1	5.0
VARBL													
CALM												24.2	
	14.5	31.6	23.6	5.1	1.0							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 297

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA 69-75 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	14.4	6.3	1.3								22.5	6.4
NNE		1.3										1.3	4.0
NE	1.3		1.9									3.1	7.0
ENE	.6	1.3										1.9	3.7
E		.6										.6	5.0
ESE		1.3										1.3	4.0
SE	.6											.6	2.0
SSE			.6	.6								1.3	10.0
S			.6	.6	.6							1.9	13.7
SSW		.6	.6									1.3	6.0
SW	.6	1.3	.6									2.5	5.0
WSW	1.9	2.5	1.3	1.9								7.5	7.5
W	2.5	2.5	3.1	2.5								10.6	7.2
WNW	.6	6.9	1.9	.6	.6							10.6	6.5
NW	1.9	3.8	.6		.6							6.9	5.5
NNW	1.3	5.0	.6									6.9	4.8
VARBL													
CALM												19.4	
	11.9	41.3	18.1	7.5	1.9							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 160

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148 GILA BEND AAF ARIZONA 69-70, 72-75 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1800-2000
CONDITION HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.5										3.5	4.0
NNE	1.2	2.3										3.5	3.7
NE													
ENE	1.2	1.2										2.3	4.0
E		2.3										2.3	5.0
ESE													
SE													
SSE	3.5	1.2										4.7	2.5
S	2.3	5.8		1.2								9.3	5.4
SSW	1.2											1.2	3.0
SW	1.2	1.2										2.3	3.5
WSW	3.5	5.8		1.2								10.5	5.0
W	5.8	1.2	2.3									9.3	4.5
WNW													
NW	2.3	1.2	1.2	1.2								5.8	6.6
NNW	3.5	2.3										5.8	3.2
VARBL													
CALM												39.5	
	25.6	27.9	3.5	3.5								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 86

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

73-74
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S		50.0										50.0	5.0
SSW													
SW													
WSW													
W													
WNW		25.0										25.0	6.0
NW													
NNW													
VARBL													
CALM												25.0	
		75.0										100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 4

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-75
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.9	.3									2.1	4.1
NNE	.6	1.2	.3									2.1	4.4
NE	.9	3.7	.6	.3								5.5	5.0
ENE	2.1	2.8	.6	1.8								7.4	6.3
E	3.4	4.0	.3	.3								8.0	4.2
ESE	3.7	1.8	.3									5.8	3.6
SE	4.0	3.4	.3									7.7	3.3
SSE	4.0	4.0	.6									8.6	3.6
S	2.2	4.0	.6									7.1	4.3
SSW		1.2	.3									1.5	5.6
SW	.9	.6										1.5	3.6
WSW		.6	.6									1.2	6.5
W													
WNW		.3		.6								.9	11.3
NW				.3								.3	15.0
NNW	.3	.3										.6	3.5
VARBL													
CALM												39.6	
	23.3	28.8	4.9	3.4								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 326

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148 GILA BEND AAF ARIZONA 69-75 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLAS.
CONDITION
0900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	7.3	3.3									13.2	5.2
NNE	3.3	8.6	2.0									13.9	4.7
NE	2.0	5.6	1.3									8.9	4.9
ENE	1.7	3.3	1.0	.7								6.6	5.6
E	1.7	2.0	1.7	.7	.7							6.6	7.7
ESE		.7	.3									1.0	5.0
SE	.3	1.3										1.7	4.6
SSE	.3	1.0	.3	.3								2.0	6.3
S	.7	1.7	.3	.7								3.3	6.7
SSW	1.0	1.0	.3	.3								2.6	5.6
SW	1.3	1.3	.7	.3								3.6	5.1
WSW	.7	.7	.7									2.0	5.7
W	1.0	1.0	1.0									3.0	5.3
WNW	.3		.3		.7							1.3	11.8
NW	.7	.7										1.3	3.5
NNW	1.3	.7										2.0	3.3
VARBL													
CALM												27.1	
	18.8	36.6	13.2	3.0	1.3							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 303

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-75 YEARS 1 FEB MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	7.2	3.3	.3								14.1	5.3
NNE	1.3	6.2	1.6	1.0								10.1	5.8
NE	1.3	1.0	3.6	.3								6.2	7.2
ENE	1.0	1.0	1.3	2.0	.3							5.6	8.9
E	.3	.7	1.0	1.6								3.6	9.2
ESE	.3	.3	.7									1.3	5.8
SE	.3		.3	.3								1.0	7.3
SSE	.3	.3		.3								1.0	6.3
S	.3	.7	.7	1.0								2.6	8.4
SSW		1.0	.3	.7	.3							2.3	10.3
SW		1.6	1.3									2.9	6.8
WSW	1.3	4.6	2.3	.3	.3							8.8	6.5
W	1.6	3.3	2.3	1.3								8.5	6.2
WNW	.7	2.3	.7			.3						3.9	6.9
NW	1.3	2.3				.3	.3					4.2	7.6
NNW	2.3	3.9	1.3									7.5	4.7
VARBL													
CALM												16.3	
	15.7	36.3	20.6	9.2	1.0	.7	.3					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 306

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AFB ARIZONA
STATION NAME

69-75
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.0	5.0	4.3	.7								15.1	5.4
NNE	1.4	6.5	1.4									9.4	5.5
NE	1.4		1.4	.7								3.6	7.4
ENE	.7	1.4	1.4	.7	.7							5.0	9.3
E			.7									.7	10.0
ESE													
SE													
SSE		.7		1.4								2.2	12.7
S		.7	.7	.7								2.2	9.0
SSW			.7	.7								1.4	11.0
SW			2.2									2.2	8.0
WSW	2.2	2.2	2.2	1.4								7.9	6.7
W	.7	5.0	6.5	2.2								14.4	7.9
WNW	2.2	1.4		.7			.7					5.0	8.1
NW	1.4	3.6	2.2									7.2	5.5
NNW	2.2	7.2	2.2									11.5	5.2
VARBL													
CALM												12.2	
	17.3	33.8	25.9	9.4	.7		.7					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 139

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-75
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	1.8	.9									6.2	3.6
NNE	1.8	4.5										6.2	3.9
NE		.9			.9							1.8	11.0
ENE			.9									.9	8.0
E													
ESE													
SE													
SSE	1.8	.9										2.7	2.7
S		.9	.9									1.8	6.5
SSW	.9	1.8	1.8									4.5	5.4
SW	.9	3.6	1.8									6.2	5.1
WSW	8.0	2.7	1.8									12.5	4.1
W	2.7	3.6	1.8									8.0	5.0
WNW	3.6	3.6										7.1	3.5
NW	.9	1.8										2.7	3.7
NNW	1.8	4.5	.9									7.1	4.3
VARBL													
CALM												32.1	
	25.9	30.4	10.7		.9							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

112

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 73, 75
YEARS

FEB
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	27.3	9.1										36.4	2.8
SSW			9.1									9.1	7.0
SW													
WSW		9.1										9.1	4.0
W		9.1										9.1	6.0
WNW													
NW													
NNW													
VARBL													
CALM												36.4	
	27.3	27.3	9.1									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

11

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

02148 STATION GILA BEND AAF ARIZONA STATION NAME 69-75 YEARS 1AR MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	.3									.8	3.7
NNE	.8	1.9										2.7	4.0
NE	1.6	.8	.3									2.7	3.5
ENE	1.6	1.9										3.5	3.5
E	1.6	.8										2.4	2.8
ESE	.8	2.4		.3								3.5	4.5
SE	3.5	2.7	.3	.3								6.7	4.0
SSE	4.5	5.1	1.6									11.2	4.3
S	2.9	3.2	1.9	.5	.3							8.8	5.8
SSW	1.3	1.6	1.9	.8								5.6	6.4
SW	1.1	1.6	.8									3.5	4.9
WSW	1.1	.8	.5	.3								2.7	5.6
W	.3	1.6	.3		.3							2.4	6.4
WNW	.3											.3	2.0
NW	.3											.3	2.0
NNW	.3											.3	2.0
VARBL													
CALM												42.8	
	21.9	24.9	7.8	2.1	.5							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 374

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148

STATION

GILA BEND AAF ARIZONA

STATION NAME

69-75

YEARS

YEAR

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	9.3	2.0	1.2								15.1	5.4
NNE	3.5	4.6	.9									9.0	4.1
NE	2.0	3.5	.3									5.8	4.0
ENE	1.2	.3	.6	.3								2.3	5.8
E		.6		.3								.9	6.7
ESE	.3	.3	.3									.9	4.7
SE					.3							.3	18.0
SSE		2.0	1.2									3.2	6.2
S	.9	.6	2.3	1.7	.3							5.8	9.3
SSW	.3	.6	2.6	2.3	.6							6.4	10.5
SW	.3	2.3	3.8	.9								7.2	7.9
WSW	.9	.9	2.3	1.2	.6							5.8	9.3
W	.9	3.2	.9	.3	.3							5.5	5.9
WNW	.9	1.7	.3	.3								3.2	5.5
NW	.9	.3	.3	.3								1.7	5.8
NNW	2.0	.9	.3									3.2	3.5
VARBL													
CALM												23.8	
	16.5	31.0	18.0	6.7	2.0							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

345

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148 GILA BEND AAF ARIZONA 69-75 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.5	2.5	1.1								2.5	6.7
NNE	.8	2.0	1.1									4.0	5.4
NE	1.1	2.0	.6									3.7	4.6
ENE		.6	.6									1.1	6.8
E	.3	.6										.8	4.0
ESE	.3											.3	3.0
SE	.3											.3	1.0
SSE		.3	.3									.6	7.0
S	.6	1.1	1.7	2.0	.6	.3						6.2	10.6
SSW	.6	1.4	1.1	2.8	1.1	.3						7.3	11.5
SW	.6	3.4	4.0	2.3	.8							11.0	9.0
WSW	.6	2.8	4.5	1.7	.3							9.9	8.5
W	2.8	2.8	5.1	2.3	.8	.3	.3					14.4	8.5
WNW	1.1	1.4	.8	1.1								4.5	6.9
NW	.8	3.7	1.7									6.2	5.5
NNW	1.7	1.1	.6									3.4	3.8
VARBL													
CALM												17.8	
	13.8	25.7	24.6	13.3	3.7	.8	.3					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 354

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

02148
STATION

GILA BEND AAF ARIZONA
STATION NAME

70-75
YEARS

1AK
MOHTH

ALL WEATHER
CLASS

1200-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.9		.6								6.8	4.7
NNE		.6										.6	4.0
NE		1.2	.6									1.9	6.3
ENE			.6									.6	8.0
E													
ESE													
SE													
SSE	.6			.6								1.2	6.5
S	1.2	2.5	1.2	1.2	1.2							7.4	9.2
SSW	.6	.6	1.2	1.9	1.9							6.2	13.0
SW	.6	1.9	4.9	1.2		.6						9.3	8.9
WSW	2.5	3.1	4.3	2.5								12.3	7.3
W	3.1	4.3	4.9	1.9								14.2	7.0
WNW	1.9	6.8	.6	.6								9.9	5.4
NW	1.9	3.1	1.9	.6								7.4	6.3
NNW	1.9	3.7										5.6	4.2
VARBL													
CALM												16.7	
	15.4	32.7	20.4	11.1	3.1	.6						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 162

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148 STATION GILA BEND AAF ARIZONA 69-75 YEARS 148 NORTH
ALL WEATHER CLASS 1800-200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1		1.1								2.2	3.0
NNE													
NE													
ENE													
E		1.1										1.1	4.0
ESE													
SE		1.1										1.1	5.0
SSE													
S	1.1	1.1		3.3	1.1							6.7	11.2
SSW	2.2	2.2	3.3	1.1								8.9	6.9
SW	1.1	5.6	4.4	1.1								12.2	6.6
WSW	3.3	7.8	7.8	1.1	1.1							21.1	6.9
W	6.7	2.2	2.2									11.1	3.9
WNW		2.2		2.2	2.2							7.8	11.0
NW	2.2			1.1								3.3	5.3
NNW	2.2	2.2	1.1									5.6	4.6
VARBL													
CALM												18.9	
	18.9	27.8	18.9	11.1	4.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 90

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69, 71, 73, 75
YEARS

AK
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE	8.3											8.3	3.0
SSE													
S	8.3		8.3									16.7	6.0
SSW		8.3										8.3	6.0
SW	8.3	8.3										16.7	3.5
WSW													
W	8.3		8.3									16.7	5.5
WNW													
NW													
NNW													
VARBL													
CALM												33.3	
	33.3	16.7	16.7									100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 12

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70.74-75
YEARS

4 PP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.3									.6	6.0
NNE	.6	2.4	.3									3.2	4.6
NE	.6	.3	.3									1.2	5.0
ENE	1.2	1.2	.3									2.7	3.9
E	2.1	1.2										3.2	3.3
ESE	2.4	2.1	.3									4.7	3.5
SE	1.5	2.1	1.5									5.0	5.2
SSE	4.4	5.6	1.8									11.8	4.6
S	3.5	2.7	.6	.9								7.7	5.1
SSW	.3	1.2	2.9									4.4	7.3
SW	2.4	2.7	4.1	.6								9.7	6.6
WSW	.3	1.2	2.1	2.9	.6							7.1	10.5
W	.3	.3			.3							.9	8.3
WNW		.6	.3									.9	6.3
NW	.3	.3										.6	3.0
NNW	.6	.3										.9	3.0
VARBL													
CALM												35.4	
	20.4	24.2	14.7	4.4	.9							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 339

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03143
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

APR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
..	3.9	6.8	1.0									11.7	4.3
NNE	1.3	1.9		.6								3.9	4.9
NE	1.9	1.6	1.0	1.0								5.5	5.6
ENE	.3	.6	1.3	.6								2.9	7.7
E	.6		.3	.3								1.3	6.8
ESE	.3											.3	3.0
SE			.3									.3	8.0
SSE	.3	.6										1.0	4.0
S	1.0	.3	1.3	.3								2.9	6.6
SSW		1.3	3.2	1.3								5.8	9.4
SW	.6	2.3	2.3	1.9	.6							7.8	9.0
WSW	.6	1.9	3.0	5.2	1.0	.3						12.6	11.5
W	1.4	4.9	1.0	1.0	.3	.3						9.4	7.1
WtW	1.0	2.3	.6	.3								4.2	4.8
NW	1.0	2.9	.3									4.2	4.6
NNW	4.2	3.2		.3								7.8	3.5
VARBL													
CALM												18.4	
	19.1	30.7	16.2	12.9	1.9	.6						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

100

2

DATA PROCESSING BRANCH
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
 STATION

GILA BEND AAF ARIZONA
 STATION NAME

62-70, 72-75
 YEARS

APR
 MONTH

ALL WEATHER
 CLASS

1200-1400
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	1.8	.3								4.0	6.5
NNE	.6	1.5	.3									2.5	4.8
NE	.6	.6	1.5	.6								3.4	7.6
ENE		.3	.6	.6		.3						1.8	11.2
E	.3	.3		1.2								1.8	9.3
ESE		.3										.3	6.0
SE	.3	.3										.6	3.0
SSE	.6	.6										1.2	3.0
S		.9	1.5	.6	.3							3.4	10.1
SSW	.6	1.2	2.5	1.8	.9		.3					7.4	11.0
SW	.6	.6	3.7	4.6	1.5							11.0	11.8
WSW		2.5	6.4	4.6	1.2	.6						15.3	11.2
W	1.2	6.4	6.1	2.8	.3	.6	.3					17.8	8.8
WNW	.6	3.1	1.2	.9								5.8	7.0
NW	.3	3.1	1.8	.6								5.8	6.8
NNW	.9	3.4	1.5	.6								6.4	6.0
VARBL													
CALM												11.3	
	7.4	26.4	29.1	19.3	4.3	1.5	.6					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

326

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

70,72-75
YEARS

APK
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.3										3.0	4.3
NNE		.8		.8		.8						2.3	14.7
NE	1.5	.8	.8	1.5	.8							5.3	8.4
ENE													
E		.8	.8									1.5	6.0
ESE			.8									.8	8.0
SE		.8										.8	6.0
SSE		.8										.8	6.0
S	1.5	.8	.8	3.0								6.1	10.1
SSW		2.3	.8	3.0								6.1	9.8
SW	.8	.8	4.5	5.3								11.4	10.2
WSW		3.0	1.5	5.3	3.0	1.5						14.4	13.9
W	2.3	6.1	6.8	5.3	.8	2.3						23.5	10.3
WNW	1.5	1.5	4.5	.8								8.3	7.9
NW	.8	3.8	.8	.8								6.1	6.0
NNW	.8		3.8									4.5	8.2
VARBL													
CALM												5.3	
	9.8	24.2	25.8	25.8	4.5	4.5						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

132

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

APR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.5										2.5	5.0
NNE	1.7											1.7	2.0
NE													
ENE		.8		.8								1.7	10.0
E													
ESE													
SE	.8											.8	2.0
SSE		1.7										1.7	4.0
S	.8	1.7										2.5	3.3
SSW	.8	1.7	2.5	1.7	.8							7.6	9.9
SW	1.7	4.2	6.8	2.5		.8						16.1	8.9
WSW	1.7	5.9	4.2	4.2	.8							16.9	8.2
W	2.5	5.1	5.9	3.4	3.4		.8					21.2	9.8
WNW	.8	4.2	.8									5.9	5.4
NW		.8	.8	1.7	.8							4.2	11.2
NNW		2.5										2.5	4.7
VARBL													
CALM												14.4	
	11.0	31.4	21.2	14.4	5.9	.8	.8					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 118

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148	GILA BEND AAF ARIZONA	70, 72-75	1 Pk
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			2100-2300
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE	3.6											3.6	2.0
ENE													
E													
ESE													
SE													
SSE													
S	3.6	10.7	3.6									17.9	4.4
SSW	3.6	3.6										7.1	3.5
SW	7.1	7.1	3.6									17.9	5.0
WSW	3.6		7.1	3.6								14.3	7.8
W		3.6										3.6	5.0
WNW		3.6										3.6	5.0
NW	3.6	7.1										10.7	4.0
NNW													
VARBL													
CALM												21.4	
	25.0	35.7	14.3	3.6								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 28

1
2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

73
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S		100.0										100.0	5.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
		100.0										100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5										1.8	4.5
NNE	1.2	1.2	.3									2.7	4.3
NE	.9	.3	.6	.3								2.1	5.7
ENE	.3	.3										.6	3.5
E	.6	.3										.9	3.0
ESE	1.2	2.4	.6									4.1	4.9
SE	2.4	3.5	.9									6.8	4.2
SSE	2.4	6.2	2.4									10.9	5.1
S	2.4	3.5	.9	1.2								8.0	5.7
SSW	.9	1.2	.9									2.9	4.9
SW			.6									.6	3.0
WSW	.9			.3								1.2	4.8
W	.6	.3										.9	3.0
WNW	.6											.6	2.5
NW	.9											.9	2.0
NNW	.3	.3										.6	3.0
VARBL													
CALM												54.6	
	15.6	20.9	7.1	1.8								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 339

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA 69-70, 72-75 MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100
CLASS HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.8	.6									5.2	4.0
NNE	.9	3.1	.3									4.3	4.4
NE	1.8	.9	1.5	.9								5.2	6.8
ENE	.9	.3	1.2	1.2								3.7	8.2
E	.0	1.2		.3								2.2	5.9
ESE	.3		.3									.6	6.0
SE	.0	.6		.3								1.5	5.8
SSE	.6	.6	.6									1.8	5.7
S	1.8	.9	1.2	1.2								5.2	7.1
SSW	.3	1.2	2.2	.3								4.0	7.7
SW	.3	2.2	2.2	1.2								5.8	7.8
WSW	1.2	4.0	1.5	.6								7.4	6.0
W	2.8	5.5	2.5	.3								11.1	5.3
WNW	.6	2.2	.6									3.4	4.7
NW	2.2	1.5										3.7	3.1
NNW	2.2	2.5										4.6	3.3
VARBL													
CALM												30.2	
	19.1	29.5	14.8	6.5								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 325

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.6	1.6	.6								5.4	6.8
NNE	1.0	2.2		1.0								4.2	5.7
NE	.3	.3	1.3	.6								2.6	8.5
ENE	1.3	.3	.3									1.9	3.2
E	.3	.3	.6									1.3	6.0
ESE			.6		.3							1.0	12.7
SE	.3	.3										.6	3.0
SSE	.3	1.3	1.3	.6								3.5	8.1
S	.3	2.6	2.9	1.0	.6							7.3	8.0
SSW	.3	.3	1.3	1.9			.3					4.2	12.4
SW	1.0	2.9	4.8	1.9	.3							10.9	8.8
WSW	1.6	4.8	3.5	1.6	.3							11.8	7.4
W	1.6	5.1	4.8		.3	.3						12.1	7.1
WNW	1.0	1.0	1.3	.3								3.5	6.5
NW	1.3	2.2	1.6	.3								5.4	5.9
NNW	2.2	2.6	1.0	.6								6.4	5.1
VARBL													
CALM												17.9	
	13.4	28.8	26.8	10.5	1.9	.3	.3					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

313

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.6	.6									5.4	4.6
NNE	1.2	.6		.6								2.4	5.5
NE		.6	.6									1.2	8.0
ENE		.6										.6	4.0
E		1.2	.6									1.8	6.7
ESE	.6											.6	2.0
SE													
SSE		.6										.6	5.0
S		.6	2.4	.6	1.2							4.8	11.6
SSW	.6	1.8	3.0	3.0	1.2		.6					10.1	12.1
SW		1.8	8.3	3.6								13.7	10.3
WSW	.6	4.2	11.3	5.4	1.2							22.6	9.7
W	1.2	4.2	3.6	3.0	1.2	.6						13.7	9.5
WNW	.6	2.4	.6	.6								4.2	6.9
NW		3.0	1.2									4.2	6.1
NNW		4.2										4.2	5.0
VARBL													
CALM												10.1	
	6.0	29.2	32.1	16.7	4.8	.6	.6					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

168

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		4.2										4.2	5.0
NE													
ENE				1.0								1.0	12.0
E													
ESE													
SE	2.1											2.1	1.5
SSE		1.0										1.0	4.0
S		1.0	2.1									3.1	8.0
SSW		3.1	3.1	1.0	1.0							8.3	8.8
SW		6.2	8.3	4.2								18.7	8.6
WSW	2.1	2.1	9.4	3.1								16.7	8.3
W	2.1	8.3	7.3	2.1								19.8	6.7
WNW	2.1		2.1									4.2	6.0
NW	1.0	3.1										4.2	3.8
NNW	2.1	1.0										3.1	3.3
VARBL													
CALM												13.5	
	11.5	30.2	32.3	11.5	1.0							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

96

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

70, 72-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE			4.0									4.0	10.0
ENE													
E													
ESE													
SE													
SSE													
S	8.0	8.0										16.0	3.2
SSW	4.0	8.0	4.0									16.0	5.8
SW		4.0	8.0									12.0	7.0
WSW		8.0		8.0								16.0	8.8
W	4.0	8.0										12.0	4.7
WNW		8.0										8.0	5.0
NW													
NNW													
VARBL													
CALM												16.0	
	16.0	44.0	16.0	8.0								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 25

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148 GILA BEND AAF ARIZONA

69-70, 72-75

JUN
MONTH

ALL WEATHER
CLASS

0000-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.9										2.0	3.1
NNE	2.3	2.3										4.6	3.5
NE	.9	.9										1.7	3.5
ENE	.3	.9	.3	.3								1.7	6.0
E	1.1	1.1		.3								2.6	.7
ESE	1.1	2.0										3.2	4.0
SE	.9	3.2	1.7									5.7	5.5
SSE	1.7	1.7	1.7									5.2	5.1
S	.6	1.7	.6									2.9	5.0
SSW	.6	2.0	.9									3.4	5.0
SW		1.7	.3	.3		.3						2.6	8.1
WSW	.3	1.1	.6									2.9	5.1
W	1.4	1.7										3.2	3.5
WNW		.3										.3	4.0
NW	.6	.6										1.1	3.8
NNW	1.1	.6										1.7	3.3
VARBL													
CALM												56.2	
	14.0	22.6	6.0	.9		.3						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 349

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70,72-75
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	5.0	.3									6.6	4.3
NNE	.6	.9										1.6	3.8
NE		.3	.6	.3	.3							1.6	11.6
ENE	.9		.3	.6		.3						2.2	10.0
E		.9	.3	.6	.3							2.2	9.7
ESE			.6									.6	9.0
SE	.6			.3								.9	5.0
SSE	.6		.6	.3								1.6	6.4
S	.3	2.5	2.2	1.3	.3							6.6	8.5
SSW	.6	2.2	2.2	.6								5.6	7.2
SW	.3	1.9	2.2	.9								5.3	7.8
WSW	1.3	3.4	2.5	.3		.6						8.1	7.8
W	1.3	5.3	.9	.3								7.8	5.1
WNW	1.6	3.4	1.3									6.3	5.0
NW	1.3	2.5	.9									4.7	4.6
NNW	1.9	3.1										5.0	3.6
VARBL													
CALM												33.4	
	12.5	31.6	15.0	5.6	.9	.9						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 320

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148 GILA BEND AFB ARIZONA 69-70, 72-75 JUN
STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1400
CLASS HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0										2.6	4.1
NNE	.7	1.0	1.0	.3								3.0	6.3
NE		.7	.7	.3	.3							2.0	9.8
ENE	.3	.3		.7	.3							1.7	10.4
E		.7	.7	.7	.7							2.6	11.4
ESE		.3		1.0								1.3	10.3
SE		1.0	.3	.7								2.0	7.7
SSE	.7	.3	2.0									3.0	7.2
S	.7	.7	4.0	2.0	1.7							8.9	11.0
SSW	.3	2.3	1.0	2.6	1.7	.7						8.6	11.9
SW	1.0	4.3	4.0	1.0	.7		.3					11.3	8.4
WSW	1.0	4.6	2.3	2.0	.7	.3						10.9	8.4
W	1.3	6.3	4.3	2.0								13.9	6.8
WNW	1.7	2.3	2.0	.3								6.3	5.6
NW	1.0	2.0	2.0									5.0	5.5
NNW	1.0	1.7	.7									3.3	4.6
ARBL													
CALM												13.6	
	10.3	30.5	24.8	14.6	6.0	1.0	.3					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 302

2

DATA PROCESSING BRANCH
 FIAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA 69-70, 72-75 JUN
STATION STATION NAME YEARS MONTH
 ALL WEATHER
CLASS
 1500-1700
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.5	1.9	.5									3.2	5.6
NNE													
NE													
ENE	.6		.6									1.3	5.0
E													
ESE		1.3										1.3	6.0
SE	.6	.6	.6									1.9	5.3
SSE				1.3								1.3	15.0
S		.6	2.6	.6	.5							4.5	11.1
SSW		.6	2.6	3.2			1.3					7.8	14.2
SW	.6	3.2	7.8	1.9	1.3	.6	.6					16.2	10.8
WSW	.6	.6	8.4	2.6	1.3	.6						14.3	11.1
W	.6	3.2	11.7	1.9								17.5	8.3
WNW	1.3	3.2	4.5	3.2								12.3	7.8
NW	1.3	4.5	1.3									7.1	5.4
NNW	.6	.6	2.6									3.9	6.8
VARBL													
CALM												7.1	
	7.1	20.8	43.5	14.9	3.2	1.3	1.9					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 154

1
2

DATA PROCESSING BRANCH
FIAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-70, 72-75 YEARS JUN MONTH 1300-2000 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.9										.9	4.0
NNE													
NE													
ENE	.9											.9	2.0
E		.9										.9	6.0
ESE		.9										.9	6.0
SE													
SSE							.9					.9	28.0
S		.9	2.7	6.2								9.8	11.0
SSW		.9	6.2	8.0	2.7							17.9	12.4
SW		2.7	5.4	1.8	1.8							11.6	10.2
WSW	1.8	5.4	13.4	1.8		.9						23.2	9.2
W	1.8	6.2	7.1	1.8								17.0	6.9
WNW	.9	3.6	.9									5.4	5.0
NW		.9										.9	4.0
NNW		1.8										1.8	5.0
VARBL													
CALM												8.0	
	5.4	25.0	35.7	19.6	4.5	.9	.9					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 112

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

70, 72-75
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE		3.1										3.1	6.0
SSE													
S		3.1	6.3									9.4	7.7
SSW		6.3	12.5		3.1							21.9	9.4
SW	6.3		6.3									12.5	6.3
WSW		6.3	3.1									9.4	6.7
W		12.5	12.5									25.0	6.6
WNW													
NW													
NNW													
VARBL													
CALM												18.8	
	6.3	31.3	40.6		3.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 32

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

72-73
YEARS

JUL
MONTH

ALL WEATHER
CL

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S		50.0										50.0	5.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												50.0	
		50.0										100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 2

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATION)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

59-70, 72-75
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.3	.3	.3								1.6	0.0
NNE	.3	.3										.7	3.0
NE	1.3	.7										2.0	2.8
ENE	1.0	.3										1.3	2.8
E	1.6	.7		.3								2.6	4.3
ESE	.7	2.0	.7									3.3	4.8
SE	2.3	2.6	1.0									5.9	4.8
SSE	2.3	3.9	.7	.3								7.2	4.7
S	1.0	3.3	1.6									5.9	5.7
SSW	.3	2.6	1.6									4.6	6.1
SW	.7	2.0	.7									3.3	4.7
WSW	1.6	1.0										2.6	3.1
W	1.3	2.0										3.3	3.9
WNW	.3											.2	2.0
NW	.7	.3										1.0	2.3
NNW	.7	1.3										2.0	3.3
VARBL													
CALM												2.5	
	16.7	23.2	6.5	1.0								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 306

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148	GILA BEND AAF ARIZONA	69-70, 72-75	JUL
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			0900-1100
CLASS			HOURS (L P T)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.2	.4									3.6	3.9
NNE	1.2		.4									1.6	3.8
NE	.4	.8	.8	.4								2.4	6.7
ENE	.8	.8	.4	.8								2.8	7.4
E	.8		.8									1.6	5.3
ESE		.4										.4	4.0
SE	.8	2.0	.4									3.2	4.8
SSE		2.0	1.2									3.2	6.3
S	.4	3.6	1.6	.4								6.0	6.8
SSW	.8	1.2	2.8									4.8	7.3
SW	2.0	2.8	3.6									8.4	7.7
WSW	2.0	4.4	5.2	.4								12.0	6.5
W	2.8	3.2	3.6									9.6	5.6
WNW	2.0	2.4	.8									5.2	3.9
NW	.8	1.6										2.4	4.0
NNW	1.2	1.2										2.4	3.5
VARBL													
CALM												30.7	
	17.9	27.5	21.9	2.0								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 251

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 73-75
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.1	1.6	.4								4.3	5.7
NNE		.7	.7	.6								1.8	8.6
NE	.7	1.1	1.1									2.8	6.1
ENE		.4	.7									1.1	7.3
E	1.1	.7										1.8	2.6
ESE			.4									.4	10.0
SE													
SSE		1.8										1.8	5.2
S	1.1	3.6	2.5	2.1								9.3	7.4
SSW		3.2	2.8	.7	.4							7.1	8.0
SW	1.1	.7	4.2	3.6								9.6	9.4
WSW	1.1	5.0	3.0	1.8								11.4	7.5
W	2.5	6.8	7.1	.7								17.1	6.6
WNW	.7	3.2	3.0	.4	.4							8.2	7.1
NW	1.1	2.1	1.1	.4								4.6	5.7
NNW	.4	.4	1.1									1.8	6.2
VARBL													
CALM												17.1	
	9.6	31.7	30.6	10.3	.7							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 281

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03146
STATION

GILA BEND AAF ARIZONA
STATION NAME

70, 72-75
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.4	.8									3.2	5.5
NNE		.8	.8	.8								2.4	9.3
NE		1.6	.8									2.4	6.0
ENE		.8	.8									1.6	7.0
E			.8	.8		.8						2.4	16.7
ESE													
SE				.8								.8	12.0
SSE	.8	.8	2.4			.8						4.8	2.5
S	.8	2.4	2.4	.8		.8						7.1	9.2
SSW	.8	1.6	.8	1.6	.8							5.6	9.1
SW	.8	2.4	4.8	2.4	.8	.8						11.9	10.9
WSW		4.0	6.3	3.2	1.6	.8						15.9	10.4
W	1.6	4.0	8.7	3.2								17.5	8.1
WNW	1.6	4.8	3.2									9.5	5.9
NW		3.2	1.6	1.6								6.3	7.9
NNW			2.4	.8								3.2	10.5
VARBL													
CALM												5.6	
	6.3	28.6	36.5	15.9	3.2	4.0						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 126

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAF

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 73-75
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4											1.4	3.0
NNE													
NE													
ENE													
E			2.7									2.7	8.0
ESE		1.4										1.4	6.0
SE					1.4							1.4	18.0
SSE	2.7				1.4							4.1	3.3
S		1.4		1.4	1.4							4.1	13.3
SSW	1.4	1.4	1.4	1.4								5.4	7.8
SW		1.4	2.7	5.4								9.5	10.9
WSW	1.4	5.4	10.8	5.4	1.4							24.3	9.1
W		12.2	0.1	1.4								11.6	7.3
WNW		4.1	1.4									5.4	5.8
NW		4.1										4.1	5.0
NNW			1.4	1.4								2.7	12.0
VARBL													
CALM												12.2	
	0.8	31.1	28.4	15.2	5.4							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 74

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148 STATION GILA BEND AAF ARIZONA STATION NAME 73-74 YEARS NORTH
ALL WEAFTER CLASS 2100-2300 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E			7.7									7.7	8.0
ESE													
SE													
SSE													
S		3.8	3.8									7.7	6.0
SSW	3.8	7.7	7.7									19.2	6.0
SW		7.7	3.8									11.5	6.7
WSW	3.8	15.4	3.8									23.1	5.3
W	3.8	3.8	11.5									19.2	6.8
WNW													
NW			3.8									3.8	10.0
NNW													
VARBL													
CALM												7.7	
	11.5	38.5	42.3									100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 25

1
2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA 69-70, 72-75 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER 0600-0800
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8										.8	5.3
NNE	1.0	.8										2.5	3.1
NE	.5	.5	.3									1.4	5.0
ENE	1.9	1.4										3.3	3.2
E	2.5	3.3	.5	.3								6.6	4.2
ESE	1.6	1.4	.5	.3								3.8	4.9
SE	1.9	2.5	.3									4.7	3.8
SSE	2.7	3.3	1.4	.3								7.7	4.7
S	3.0	4.7	.8	.8								9.3	5.1
SSW	.8	1.9	.3									3.0	4.3
SW		.5	.3									.8	5.0
WSW	.3	.8	.3									1.4	5.0
W		.5										.5	5.0
WNW	.5	.3										.8	2.7
NW		.3										.3	4.0
NNW	.8	1.1										1.9	3.7
VARBL													
CALM												51.2	
	18.4	24.1	4.7	1.6								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 305

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148 GILA BENJ AAF ARIZONA 69-70, 72-75 ALL WEATHER
STATION STATION NAME YEARS MONTH CLASS
0900-1100
HOURS (L S T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.5										2.6	3.6
NNE	2.6	1.1	.4	.4								4.4	4.2
NE	.4	.4	.4	.4								1.5	7.0
ENE	1.5	1.8	.7									4.1	4.3
E	2.6	.7	.4									3.7	3.7
ESE	.4	1.8										2.2	5.0
SE	.4	.7	1.1									2.2	6.2
SSE		1.1	1.1	.4								2.6	7.4
S	1.5	.4	1.1									3.0	4.5
SSW	1.5	1.1	1.1									3.7	4.9
SW	1.1	1.8	1.5	1.1								5.5	7.1
WSW	1.1	3.7	.7									5.5	4.9
W	2.6	5.2	2.2	.4								10.3	5.3
WNW	1.1	1.8										3.0	3.6
NW	1.1	1.1										2.2	3.2
NNW	.4	1.1										1.5	5.0
VARBL													
CALM												42.1	
	19.2	25.5	10.7	2.6								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 211

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-70, 72-75 YEARS ALL WEATHER CLASS 1200-1400 MONTH HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.9	1.3									5.2	5.8
NNE	.7	1.0	.3									2.0	5.0
NE	.3	3.0		.3								3.6	5.4
ENE	.7	1.0	.3									2.0	4.7
E	.3	2.3	.3	.3								3.3	5.6
ESE	1.0			.3								1.3	5.0
SE		.7										.7	4.0
SSE	.7	2.0	1.0									3.6	5.7
S	.7	2.0	2.3	.3								5.2	7.2
SSW	1.3	2.3	1.0	.3								4.9	5.1
SW	.7	2.0	2.6	.3	.7							6.2	8.1
WSW	2.6	5.2	3.9	1.0								12.8	6.0
W	3.3	4.9	3.0									11.1	4.9
WNW	1.0	4.3	1.3	.3								6.9	5.3
NW	.3	2.3	1.3	.3								4.3	6.0
NNW	.7	3.6	1.3	.3								5.9	6.2
VARBL													
CALM												21.0	
	14.1	40.3	20.0	3.9	.7							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 305

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	1.3									3.8	6.3
NNE	.6		.6									1.3	4.5
NE		1.9										1.9	4.3
ENE													
E	.6		1.9	.6	.6							3.8	10.8
ESE			.6									.6	8.0
SE		.6	.6									1.3	5.5
SSE		1.3	.6	.6								2.5	7.5
S	.6	1.9	1.9	.6	.6	.6						6.3	10.0
SSW	.6	1.9	1.9	.6								5.1	7.0
SW	.6	.6	4.4									5.7	8.0
WSW	1.3	7.0	5.7	1.3								15.2	7.4
W	2.5	8.9	5.7	1.3								18.4	5.9
WNW	.6	7.6	3.8	.6								12.7	6.0
NW	.6	4.4	2.5									7.6	6.0
NNW	.6	1.3	1.9	.6	.6							5.1	8.5
VARBL													
CALM												8.9	
	9.5	39.2	33.5	6.3	1.9	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 158

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.1									1.1	3.0
NNE		2.2	1.1									3.3	6.3
NE													
ENE													
E	1.1	2.2	1.1									4.4	5.0
ESE			2.2									2.2	9.0
SE		1.1		1.1								2.2	9.0
SSE		1.1										1.1	5.0
S		1.1	3.3									4.4	7.0
SSW			3.3	1.1								4.4	10.5
SW		2.2	5.6	1.1								8.9	8.4
WSW	6.7	6.7	6.7	1.1								21.1	5.7
W	2.2	11.1	6.7									20.0	5.7
WNW	1.1	3.3	1.1									5.6	5.0
NW	2.2	5.6		1.1								8.9	5.8
NNW	1.1	1.1	1.1									3.3	5.0
VARBL													
CALM												8.9	
	14.4	37.8	33.3	5.6								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

72-75
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE	3.7		3.7									7.4	6.5
ENE													
E													
ESE													
SE													
SSE		3.7	3.7									7.4	6.5
S	3.7	3.7	3.7									11.1	5.3
SSW		3.7	7.4									11.1	6.7
SW		3.7	22.2									25.9	7.6
WSW	3.7	3.7	3.7									11.1	5.3
W		3.7	3.7									7.4	6.0
WNW		3.7										3.7	6.0
NW													
NNW		3.7										3.7	6.0
VARBL													
CALM												11.1	
	11.1	29.6	48.1									100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 27

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

SFP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.9										1.5	3.8
NNE	1.5	.6										2.1	3.1
NE	1.5	2.4	.3									4.1	4.1
ENE	1.5	3.5	2.9	.3								8.3	6.6
E	2.9	1.8	1.5	.9								7.1	5.7
ESE	2.4	2.1	1.5									5.9	4.8
SE	2.4	3.8	.6									6.8	4.2
SSE	4.1	4.7	.3									9.1	3.7
S	2.1	3.5	.3									5.9	4.1
SSW	.6	.6	.9									2.1	5.6
SW		.6										.6	5.0
WSW		.3										.3	4.0
W													
WNW													
NW													
NNW		.6		.3								.9	7.3
VARBL													
CALM												45.4	
	19.5	25.4	8.3	1.5								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 339

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	3.3	1.0	1.0								9.1	5.0
NNE	2.9	4.2	1.0									8.1	4.1
NE	1.0	2.3	1.3	.7								5.9	6.2
ENE	.3	1.3	4.2	2.6	.3							8.8	9.3
E	1.3	.3	1.3	1.3	1.0							5.2	10.1
ESE	.7	1.6	1.3	.3								3.9	6.3
SE	.7	.7	.3									1.6	4.2
SSE	.3	.7	.7									1.6	5.6
S		2.6	1.0	.7								4.2	7.1
SSW	1.3	1.0	1.0									3.3	5.3
SW	.7	2.0	.7	.3								3.6	6.0
WSW	.3	1.0	.3	.7								2.3	7.6
W	1.3	1.0	.7									2.9	5.1
WNW	.3	.3										.7	3.0
NW	2.3	1.0										3.3	2.6
NNW	2.6	2.6										5.2	3.2
VARBL													
CALM												30.3	
	20.5	25.7	14.7	7.5	1.3							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 307

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70,72-74
YEARS

SFP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.3	2.0									7.6	5.0
NNE	1.0	2.0	.3	.3	.3							4.0	6.8
NE	1.0	1.7	2.3	.3								5.3	6.4
ENE	.7	1.7	3.0	1.7								6.9	7.7
E	1.0	3.3	1.3	.7								6.3	5.9
ESE	.7	1.3	.7									2.6	5.0
SE	.3	.7	.3	.7								2.0	7.2
SSE	1.3	.7	1.3									3.3	5.0
S	2.0	.7	1.3	.3								4.3	4.9
SSW	.3	.3	1.0	.3								2.0	7.5
SW		.7	2.0	1.3								4.0	9.4
WSW		4.3	3.0	.7								7.9	7.0
W	3.0	4.3	1.7									8.9	4.7
WNW	1.0	2.3	.7									4.0	4.5
NW	1.3	3.3	.3									5.0	4.5
NNW	2.0	3.3	1.3									5.6	4.8
VARBL													
CALM												19.5	
	17.8	33.7	22.4	6.3	.3							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 303

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70,72-74
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.8	4.8									9.5	6.3
NNE		3.8										3.8	5.5
NE		2.9										2.9	4.7
ENE	1.0	1.0	2.9	1.9	1.0							7.6	10.3
E		1.0	1.9									2.9	8.0
ESE													
SE													
SSE		1.9	1.0									2.9	7.3
S		1.0	2.9	1.0								4.8	9.8
SSW													
SW	1.9		6.7									8.6	8.2
WSW	4.8	2.9	1.0									8.6	3.9
W	1.0	11.4	3.8	1.0								17.1	6.7
WNW	1.9	3.8	4.8									10.5	6.6
NW	1.0	1.0	1.0									2.9	5.0
NNW		1.9										1.9	4.0
VARBL													
CALM												16.2	
	12.4	36.2	30.5	3.8	1.0							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 105

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-73
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	5.5										6.8	4.6
NNE	1.4	2.7	1.4			1.4						6.8	8.4
NE		1.4										1.4	4.0
ENE				1.4								1.4	11.0
E													
ESE													
SE													
SSE													
S		1.4	4.1									5.5	7.5
SSW			1.4	1.4								2.7	11.0
SW	2.7		5.5	2.7								11.0	7.9
WSW	4.1	5.5	2.7	1.4	1.4							15.1	7.3
W	1.4	12.3	4.1									17.8	5.7
WNW		1.4	1.4									2.7	6.5
NW	1.4											1.4	3.0
NNW	2.7	2.7				1.4						6.8	8.0
VARBL													
CALM												20.5	
	15.1	32.9	20.5	6.8	1.4	2.7						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

73

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68
YEARS

SEP
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												100.0	
												100.0	.0

TOTAL NUMBER OF OBSERVATIONS 1

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

JCT
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5										1.1	3.5
NNE	1.1	2.2	.3									3.6	4.0
NE	2.2	2.7	.3									5.2	3.7
ENE	2.5	1.1	2.2	.3								6.0	5.6
E	4.7	2.7	.8									8.2	3.8
ESE	3.3	1.9	.5									5.8	3.8
SE	3.3	3.6	.8	.5								8.2	4.4
SSE	2.2	4.7										6.8	3.9
S	2.2	2.2	1.1	.3								5.8	4.7
SSW	.5	.5	.3	.3								1.6	6.2
SW	.3		.8									1.1	6.5
WSW		.5		.3								.8	7.7
W													
WNW		.3										.3	4.0
NW													
NNW													
VARBL													
CALM												45.5	
	22.7	23.0	7.1	1.6								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

365

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
 STATION

GILA BEND AAF ARIZONA
 STATION NAME

68-70, 72-74
 YEARS

01
 MONTH

ALL WEATHER
 CLASS

0900-1100
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.8	9.8	3.7	.9								20.2	5.1
NNE	2.5	6.4	.9									9.8	4.3
NE	2.1	3.4	1.8									7.4	5.4
ENE	.9	.9	2.5	.9	.3							5.5	6.3
E	.3	.3	.9	.6								2.1	8.4
ESE		.3										.3	4.0
SE		.9	.3									1.2	5.8
SSE	1.2	.3	.3									1.8	4.2
S	.3	.9	.6	.3								2.1	6.3
SSW			1.2	1.2								2.5	12.3
SW	.3	1.8	.9	.6	.3							4.0	8.2
WSW		.9	.6									1.5	6.4
W	.6	1.8	.9									3.4	5.6
WNW	1.5	1.2	.3									3.1	3.7
NW	1.5	2.1										3.7	3.8
NNW	2.1	1.8	1.8									5.8	4.9
VARBL													
CALM												25.5	
	19.3	33.1	16.9	4.6	.6							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

326

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

UCT
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	7.6	3.6	.9								13.9	6.1
NNE	1.2	2.7	1.8	.3								6.1	5.7
NE	1.8	2.1	2.1	.3								6.4	5.7
ENE	.3	1.2	1.5									3.0	6.9
E	.6	1.5	.9	.6	.3							3.9	7.9
ESE		.3										.3	4.0
SE	.3	.6	.3									1.2	5.5
SSE		.6		.3								.9	9.3
S	.9	1.8	1.5	1.8								6.1	7.9
SSW	.3	.6	.9	.3	.3							2.4	8.5
SW	.9	1.5	2.4	1.2	.3							6.4	8.2
WSW	.3	3.0	2.4	.9	.3	.3						7.3	8.7
W	1.5	5.2	1.8	.3	.3							9.1	5.8
WNW	.9	2.4	.3									3.6	4.4
NW	1.8	3.9	.9	.3								7.0	5.1
NNW	2.4	3.9	.9									7.3	4.5
VARBL													
CALM												15.2	
	15.2	39.1	21.5	7.3	1.5	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 330

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

MO
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	4.8	4.8									10.5	6.4
NNE	.8	2.4	1.6									4.8	5.7
NE	.8	2.4	.8	.8								4.8	6.5
ENE			1.6									1.6	9.0
E	.8	1.6	.8									3.2	5.8
ESE		.8										.8	5.0
SE		.8										.8	5.0
SSE				.8								.8	13.0
S	.8		3.2									4.0	8.2
SSW	.8	.8	1.6									3.2	6.5
SW		1.6	1.6	.8								4.0	9.6
WSW		6.5	4.0	.8								11.3	7.4
W	1.6	7.3	.8	3.2								12.9	7.2
WNW	1.6	4.8	1.6		.8							8.9	6.7
NW	.8	4.8	1.6									7.3	5.0
NNW	3.2	2.4										5.6	3.1
VARBL													
CALM												15.3	
	12.1	41.1	24.2	6.5	.8							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 124

2 DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA 68-70, 72-74 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.1										4.3	3.3
NNE	1.1											1.1	3.0
NE	2.1	4.3	3.2	1.1								10.6	6.3
ENE		1.1										1.1	5.0
E	1.1	2.1										3.2	3.7
ESE													
SE		1.1										1.1	6.0
SSE		1.1										1.1	6.0
S	3.2											3.2	1.7
SSW		2.1	3.2									5.3	6.4
SW	2.1	2.1	1.1									5.3	4.4
WSW	3.2	1.1										4.3	2.8
W	4.3	4.3	1.1									9.6	3.7
WNW	1.1	1.1	1.1	2.1								5.3	8.6
NW	2.1	2.1										4.3	3.3
NNW		1.1										1.1	4.0
VARBL													
CALM												39.4	
	22.3	25.5	9.6	3.2								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 94

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68,73-74
YEARS

UCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE	33.3											33.3	3.0
SSE													
S													
SSW													
SW		33.3										33.3	4.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												33.3	
	33.3	33.3										100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

72
YEARS

MMV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												100.0	
												100.0	.0

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.3										2.3	3.7
NNE	2.5	3.0	.5									6.1	4.0
NE	1.3	2.8	.8									4.8	4.8
ENE	3.0	3.0	.5	.3								6.8	4.0
E	5.8	2.5	.8									9.1	3.4
ESE	2.5	2.0	.5	.5								5.6	4.7
SE	2.0	1.3	.5									3.8	3.9
SSE	3.3	3.0	.3									6.6	3.2
S	2.3	2.0	.5									4.8	3.9
SSW	.5	1.0	.8									2.3	5.6
SW	.3	.3										.5	4.0
WSW	.5		.3									.8	5.0
W	.3	.8										1.0	4.0
WNW	.5											.5	2.0
NW			.5									.5	8.0
NNW	.3											.3	2.0
VARBL													
CALM												44.3	
	26.1	23.0	5.8	.8								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 395

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

NDV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	9.4	5.1	.9	.2							19.4	5.9
NNE	3.7	7.1	.9	.6								12.3	4.7
NE	2.0	4.3	1.1	.9								8.3	5.8
ENE	1.7	1.7	.9	1.7	.6							6.6	8.1
E	1.1	.6	.6	.3	.3							2.9	6.6
ESE		.3										.3	4.0
SE	.3	.3	.6	.6								1.7	8.5
SSE	.3	.6	.3	.3								1.4	6.0
S	.3	.9		.6	.3							2.0	8.6
SSW		.6										.6	5.0
SW		1.7	.9	.6								3.1	7.5
WSW	.6	2.6	.3	.3								3.7	5.3
W	1.1	1.1										2.3	3.4
WNW	.3	.3	.3									.9	5.0
NW	.3	1.4	.3									2.0	4.6
NNW	.9	.6	.6									2.0	4.4
VARBL													
CALM												30.6	
	16.3	33.4	11.7	6.6	1.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 350

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

NDV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	7.9	2.9	.9								14.9	5.6
NNE	.9	3.2	1.2	2.0	.9	.3						8.5	9.6
NE	.6	1.7	3.2	1.5	.3	.3						7.6	9.0
ENE	.6	2.6	1.5	.9	.9							6.4	8.7
E		.6	1.2	.9								2.6	9.6
ESE	.3	.3										.6	3.5
SE			.3									.3	8.0
SSE		.3		.3								.6	8.0
S		.3		.9	.6							1.7	13.7
SSW		1.5	.9									2.3	5.9
SW			1.2	.6	.3							2.0	11.6
WSW	.3	1.5	1.7	1.5								5.0	8.7
W	3.2	1.2	3.2		.3							7.9	5.8
WNW	1.7	3.5	1.5	.3								7.0	5.0
NW	1.2	2.3	.3									3.8	4.2
NNW	3.2	3.8	.6									7.6	4.0
VARBL													
CALM												21.3	
	15.2	30.6	19.5	9.6	3.2	.6						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 343

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

JUNY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	6.4	2.3									9.8	5.2
NNE	1.7	2.3	2.9									6.9	5.9
NE	.6		3.5	1.2								5.2	8.4
ENE		1.7	2.3									4.0	7.3
E			.6									.6	8.0
ESE		.6										.6	5.0
SE			.6									.6	10.0
SSE													
S	.6	.6										1.2	3.5
SSW			.6	.6								1.2	13.0
SW		.6	1.2	.6								2.3	9.5
WSW		3.5	1.2	1.2	1.2							6.9	9.4
W	2.3	6.9	2.9	.6								12.7	5.5
WNW	3.5	4.0	1.2									8.7	4.0
NW	2.3	5.2										7.5	4.1
NNW	2.9	3.5	1.2									7.5	4.2
VARBL													
CALM												24.3	
	15.0	35.3	20.2	4.0	1.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 173

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

417V
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0											1.0	2.0
NNE		1.0	1.0									1.9	6.0
NE	3.8	1.0	1.0									5.8	3.5
ENE		1.0										1.0	4.0
E		1.9										1.9	4.0
ESE	1.0											1.0	3.0
SE	1.9	1.0										2.9	3.0
SSE	2.9	2.9	1.0									6.7	4.3
S	4.8	3.8	1.0									9.6	3.5
SSW	1.9	1.9	1.0									4.8	4.8
SW	3.8	2.9	1.0									7.7	4.0
WSW	1.9	1.0										2.9	4.0
W	1.0	2.9	1.0									4.8	4.6
WNW	1.0	1.0										1.9	3.0
NW	1.0											1.0	2.0
NNW	3.8	1.0										4.8	2.0
VARBL													
CALM												40.4	
	29.8	23.1	6.7									100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 104

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

74
YEARS

NOV
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	100.0											100.0	2.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	100.0											100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 1

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148 STATION GILA BEND AAF ARIZONA 72 YEARS DEC MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												100.0	
												100.0	.0

TOTAL NUMBER OF OBSERVATIONS 1

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

58-74
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3	.3									1.5	4.0
NNE	1.5	1.5										2.9	3.5
NE	.6	2.3	.6	.3								3.8	5.3
ENE	1.7	2.3	.6									4.7	4.3
E	5.5	2.6	.9	.3								9.3	3.6
ESE	5.0	.9										5.8	2.8
SE	3.8	3.2	.3									7.3	3.4
SSE	2.3	.9										3.2	3.1
S	2.3	2.3										4.7	3.3
SSW	.6	.9	.6									2.0	5.1
SW	.3	.6	.3									1.2	5.0
WSW	.3	.6	.3	.6								1.7	7.3
W		1.5										1.5	4.8
WNW		.3	.6	.3								1.2	9.3
NW	.6	.3	.3									1.2	3.8
NNW													
VARBL													
CALM												48.1	
	25.4	20.4	4.7	1.5								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 343

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.8	2.1									9.6	4.9
NNE	2.1	4.5	2.7	.3								9.6	5.7
NE	2.4	6.3	.9	.3								9.9	4.9
ENE	3.0	4.2	1.8	.6								9.6	5.0
E	1.8	1.8	1.2	.3								5.1	5.6
ESE	.9		.3									1.2	4.5
SE	.3	.3	.3									.9	5.7
SSE	.3	1.5										1.8	4.3
S	1.5	.6										2.1	2.7
SSW	.3	.9	.3									1.5	4.6
SW	.9	1.2	.6									2.7	4.7
WSW	.3	.9	.3	.6								2.1	7.6
W	1.2	.6	1.5	.3								3.6	6.9
WNW		.6	.3									.9	6.0
NW	1.2	1.8	.9									3.9	5.0
NNW	.3	.6										.9	3.7
VARBL													
CALM												34.5	
	19.2	30.6	13.2	2.4								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

333

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

JEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	9.6	4.6	.9								18.8	5.6
NNE	1.5	3.4	1.5	.6								7.1	6.0
NE	.3	1.2	2.5									4.0	6.9
ENE		.6	1.5	2.2								4.3	10.1
E		.3	1.5	.3								2.2	9.4
ESE													
SE				.3								.3	14.0
SSE													
S	.3		.6	.6								1.5	10.0
SSW	.3	.6		.3								1.2	7.0
SW	.3	1.2	1.2	.6								3.4	8.0
WSW	.9	1.5	1.9	.3								4.6	6.6
W	3.7	2.8	2.2	.3								9.0	4.9
WNW	2.5	2.8	1.2									5.5	4.2
NW	1.9	2.5	.9	.3								5.6	4.9
NNW	1.5	4.3	1.2	.3	.3							7.7	5.3
VARBL													
CALM												23.8	
	17.0	30.9	21.0	7.1	.3							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

324

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

OFC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.9	4.9	1.2									11.0	4.1
NNE	1.2	2.4	2.4									6.1	5.6
NE		2.4	3.0	1.2								6.7	8.0
ENE		.6	1.2	.6								2.4	3.3
E				.6	.6							1.2	15.0
ESE													
SE													
SSE													
S	.6	1.2	.6	1.2			.6					4.3	11.3
SSW	1.8	.6	1.2									3.7	4.5
SW	.6	.6										1.2	4.5
WSW	1.8	3.0	.6									5.5	4.4
W	3.7	3.7	3.0									10.4	5.3
WNW	1.2	1.2		.6								3.0	5.2
NW	1.2	1.2										2.4	3.5
NNW	.6	2.4										3.0	4.6
VARBL													
CALM												39.0	
	17.7	24.4	13.4	4.3	.6		.6					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 164

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	.9										4.7	2.8
NNE	.9	.9										1.9	4.0
NE	.9	.9										1.9	4.0
ENE													
E													
ESE	.9											.9	3.0
SE	.9	2.8										3.8	3.5
SSE	4.7	4.7	.9									10.4	3.6
S	3.8	3.8		.9								8.5	4.6
SSW	.9											.9	3.0
SW	1.9	.9										2.8	3.0
WSW	.8	.9	1.9			.9						6.6	7.6
W	.9	.9	1.9									3.8	5.8
WNW	1.9											1.9	2.5
NW	.9											.9	2.0
NNW		.9										.9	4.0
VARBL													
CALM												50.0	
	25.5	17.9	4.7	.9		.9						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 106

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

74
YEAR

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE	10.0											10.0	1.0
SSE	10.0	20.0										30.0	3.7
S	30.0											30.0	2.3
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												30.0	
	50.0	20.0										100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 10

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-73, 75
YEARS

ALL
MONTH

INSTRUMENT

CLASS

ALL
HOURS (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.5										5.0	4.5
NNE													
NE													
ENE	2.5	2.5										5.0	4.0
E			5.0									5.0	10.0
ESE													
SE													
SSE							2.5					2.5	28.0
S													
SSW							7.5					7.5	29.3
SW	5.0		2.5			2.5						10.0	9.3
WSW	2.5	7.5		7.5		5.0						22.5	12.2
W	5.0	10.0										15.0	3.7
WNW	2.5											2.5	1.0
NW													
NNW	5.0	2.5			2.5							10.0	7.5
VARBL													
CALM												15.0	
	25.0	25.0	7.5	7.5	2.5	7.5	10.0					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 40

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{5}{16}$	$\geq \frac{1}{8}$	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-75
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	82.0	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 20000	88.0	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 18000	88.5	89.1	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 16000	89.3	89.8	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 14000	91.0	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9
≥ 12000	92.5	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 10000	93.7	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 9000	94.3	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 8000	95.2	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 7000	96.0	96.7	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 6000	96.9	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 5000	97.6	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 4500	97.8	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 4000	98.1	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 3500	98.3	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 3000	98.5	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2500	98.5	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2000	98.6	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
IV 1800	98.6	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 1500	98.6	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	98.6	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	98.6	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	98.6	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	98.6	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	98.6	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	98.6	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	96.7	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

13702

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71, 73-75
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.3	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 20000	81.6	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 18000	82.3	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 16000	83.7	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 14000	85.8	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 12000	86.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 10000	87.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 9000	88.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 8000	89.5	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 7000	91.2	93.2	93.2	93.5	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 6000	93.8	95.7	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 5000	94.4	96.4	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 4500	94.5	96.5	96.5	96.8	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 4000	95.4	97.4	97.4	97.7	97.7	97.7	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 3500	95.4	97.4	97.4	97.7	97.7	97.7	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 3000	95.7	97.7	97.7	98.0	98.1	98.1	98.1	98.3	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7
IV 2500	96.1	98.1	98.1	98.4	98.5	98.5	98.6	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
IV 2000	96.4	98.3	98.4	98.7	98.8	98.8	98.9	99.1	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 1800	96.5	98.4	98.5	98.8	98.9	98.9	99.0	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	96.5	98.4	98.5	98.8	98.9	98.9	99.0	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	96.6	98.5	98.6	98.9	99.0	99.0	99.1	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	96.6	98.5	98.6	98.9	99.0	99.0	99.1	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	96.6	98.5	98.6	98.9	99.0	99.0	99.1	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	96.6	98.5	98.7	99.0	99.1	99.1	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	96.6	98.5	98.7	99.0	99.1	99.1	99.2	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	96.6	98.5	98.7	99.0	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	96.6	98.5	98.7	99.0	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	96.6	98.5	98.7	99.0	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	96.6	98.5	98.7	99.0	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.6	98.5	98.7	99.0	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.6	98.5	98.7	99.0	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.6	98.5	98.7	99.0	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1026

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-71,73-75

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 20000	83.0	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 18000	83.1	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
16000	84.1	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 14000	85.4	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
12000	87.4	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 10000	88.9	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
9000	90.4	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 8000	91.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
7000	93.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 6000	94.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
5000	95.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 4500	95.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
4000	96.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 3500	97.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
3000	97.5	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 2500	97.5	98.6	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2000	97.5	98.6	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1800	97.5	98.6	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1500	97.6	98.7	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	97.6	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000	97.6	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	97.6	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	97.6	98.8	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	97.6	98.8	99.1	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	97.6	98.8	99.1	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	97.7	98.9	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
400	97.8	99.0	99.2	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 300	97.8	99.0	99.2	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
200	97.8	99.0	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	97.8	99.0	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
0	97.8	99.0	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1063

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-71.73-75

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS/151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.4	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 20000	79.7	80.1	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 18000	80.8	81.7	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 16000	81.0	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 14000	82.3	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 12000	83.5	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 10000	85.4	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 9000	86.4	86.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 8000	87.8	88.4	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 7000	89.5	90.1	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 6000	92.4	93.0	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 5000	94.8	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 4500	95.5	96.4	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 4000	96.5	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 3500	97.4	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 3000	98.0	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2500	98.1	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2000	98.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1800	98.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1500	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1178

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 73-75
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	82.1 89.1	83.2 90.4	83.5 90.7	83.7 90.9	83.8 91.0	83.8 91.0	83.8 91.0	83.8 91.0	83.8 91.0	83.8 91.0	83.8 91.0	83.8 91.0	83.8 91.0	83.8 91.0	83.8 91.0	83.8 91.0
IV 18000 16000	89.5 89.5	90.7 90.7	91.1 91.1	91.3 91.3	91.4 91.4	91.4 91.4	91.4 91.4	91.4 91.4	91.4 91.4	91.4 91.4	91.4 91.4	91.4 91.4	91.4 91.4	91.4 91.4	91.4 91.4	91.4 91.4
IV 14000 12000	90.5 90.8	91.7 92.1	92.1 92.4	92.3 92.6	92.3 92.7	92.3 92.7	92.3 92.7	92.3 92.7	92.3 92.7	92.3 92.7	92.3 92.7	92.3 92.7	92.3 92.7	92.3 92.7	92.3 92.7	92.3 92.7
IV 10000 9000	91.5 93.1	92.8 94.3	93.2 94.7	93.3 94.9	93.4 95.0	93.4 95.0	93.4 95.0	93.4 95.0	93.4 95.0	93.4 95.0	93.4 95.0	93.4 95.0	93.4 95.0	93.4 95.0	93.4 95.0	93.4 95.0
IV 8000 7000	93.9 94.6	95.3 96.0	95.7 96.4	95.9 96.6	95.9 96.7	95.9 96.7	95.9 96.7	95.9 96.7	95.9 96.7	95.9 96.7	95.9 96.7	95.9 96.7	95.9 96.7	95.9 96.7	95.9 96.7	95.9 96.7
IV 6000 5000	95.5 96.2	96.9 97.7	97.3 98.1	97.5 98.3	97.6 98.4	97.6 98.4	97.6 98.4	97.6 98.4	97.6 98.4	97.6 98.4	97.6 98.4	97.6 98.4	97.6 98.4	97.6 98.4	97.6 98.4	97.6 98.4
IV 4500 4000	96.4 97.2	97.9 98.7	98.3 99.1	98.5 99.3	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4
IV 3500 3000	97.5 97.6	99.0 99.1	99.4 99.5	99.5 99.6	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7
IV 2500 2000	97.8 97.8	99.4 99.4	99.7 99.7	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 1800 1500	97.8 97.8	99.4 99.4	99.7 99.7	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 1200 1000	97.8 97.8	99.4 99.4	99.7 99.7	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 900 800	97.8 97.8	99.4 99.4	99.7 99.7	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 700 600	97.8 97.8	99.4 99.4	99.7 99.7	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 500 400	97.8 97.8	99.4 99.4	99.7 99.7	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 300 200	97.8 97.8	99.4 99.4	99.7 99.7	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 0	97.8 97.8	99.4 99.4	99.7 99.7	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 1111

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9
IV 20000	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2
IV 18000	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2
IV 16000	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3
IV 14000	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6
IV 12000	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0
IV 10000	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6
IV 9000	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6
IV 8000	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
IV 7000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0
IV 6000	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5
IV 5000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
IV 4500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
IV 4000	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
IV 3500	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 3000	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 2500	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 2000	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 1800	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 1500	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 1200	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 1000	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 900	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 800	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 700	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 600	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 500	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 400	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 300	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 200	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 100	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1107

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 73-75
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	94.5	95.1	95.1	95.4	95.4	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 20000	96.0	96.6	96.7	97.1	97.1	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 2000	96.1	96.6	96.8	97.2	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1600	96.8	97.4	97.5	97.9	97.9	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1400	97.3	97.8	98.0	98.3	98.3	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	97.7	98.2	98.4	98.8	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	98.4	98.9	99.1	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	98.4	98.9	99.1	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	98.4	98.9	99.1	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	98.4	98.9	99.1	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 450	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1600	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1400	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1134

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 20000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 18000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 16000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 14000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 12000	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 10000	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 9000	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 8000	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 7000	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 6000	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 5000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1050

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/1AC

CEILING VERSUS VISIBILITY

03148

GILA BEND AAF ARIZONA

69-70, 72-75

STATION

STATION NAME

YEARS

ALL

MONTH

ALL

HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 20000	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 18000	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 16000	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 14000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 12000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 10000	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 9000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 8000	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 7000	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 6000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1219

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70,72-74
YEARS

SFP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 20000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 18000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 16000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 14000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 12000	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 10000	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 9000	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 8000	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 7000	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 6000	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 5000	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1126

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

68-70, 72-74

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 20000	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 18000	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 16000	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 14000	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 12000	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 10000	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 9000	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 8000	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 7000	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 6000	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 5000	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1243

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

NDV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	81.0	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 20000	88.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 18000	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 16000	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 14000	90.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 12000	91.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 10000	92.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 9000	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 8000	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 7000	94.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 6000	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 5000	96.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4500	97.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	97.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	97.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	97.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	97.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	98.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	98.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	98.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	98.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	98.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

1333

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (24)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	79.7	80.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 20000	87.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 18000	88.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 16000	88.9	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 14000	90.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 12000	90.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 10000	91.6	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 9000	92.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 8000	92.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 7000	94.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 6000	95.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 5000	96.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	96.9	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	97.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	97.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	98.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	98.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	98.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	98.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

1112

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71,73-75
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 20000	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 18000	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 16000	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 14000	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 12000	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 10000	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 9000	86.9	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 8000	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 7000	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 6000	94.8	95.5	95.5	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 5000	95.9	96.6	96.6	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 4500	96.2	96.9	96.9	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 4000	96.9	97.6	97.6	97.9	97.9	97.9	98.3	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0
IV 3500	96.9	97.6	97.6	97.9	97.9	97.9	98.3	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0
IV 3000	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 2500	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 2000	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 1800	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 1500	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 1200	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 1000	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 900	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 800	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 700	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 600	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 500	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 400	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 300	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 200	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 100	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 0	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 290

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71, 73-75
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.6	71.5	71.5	71.9	71.9	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	79.3	81.5	81.5	81.9	81.9	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 18000	79.6	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6
16000	80.4	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 14000	82.6	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
12000	83.3	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 10000	83.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4
9000	83.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 8000	86.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0
7000	89.6	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 6000	91.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8
5000	91.5	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 4500	91.5	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
4000	93.0	95.9	95.9	96.3	96.3	96.3	96.3	96.7	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4
IV 3500	93.0	95.9	95.9	96.3	96.3	96.3	96.3	96.7	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4
3000	93.7	96.7	96.7	97.0	97.0	97.0	97.0	97.4	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1
IV 2500	94.4	97.4	97.8	98.1	98.1	98.1	98.1	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3	99.3
2000	94.8	97.8	98.1	98.5	98.5	98.5	98.5	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	94.8	97.8	98.1	98.5	98.5	98.5	98.5	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
1500	94.8	97.8	98.1	98.5	98.5	98.5	98.5	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
1000	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
800	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
600	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
400	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
200	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
0	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 270

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71,73-75
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	71.6	74.0	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 20000	84.8	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 18000	84.8	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 16000	86.8	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 14000	87.6	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 12000	88.0	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 10000	89.2	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 9000	90.8	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 8000	90.8	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 7000	91.6	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 6000	92.8	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 5000	93.6	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 4500	93.6	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 4000	94.0	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 3500	94.0	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 3000	94.0	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 2500	94.4	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 2000	95.2	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	95.6	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	95.6	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	95.6	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	95.6	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	95.6	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	95.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	95.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	95.6	98.4	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	95.6	98.4	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	95.6	98.4	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	95.6	98.4	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	95.6	98.4	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	95.6	98.4	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	95.6	98.4	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 250

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

62-71,73-75
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 20000	82.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 18000	83.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 16000	85.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 14000	86.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 12000	88.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 10000	89.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 9000	89.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 8000	90.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 7000	93.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 6000	95.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 5000	96.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 4500	96.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 4000	97.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 3500	97.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 3000	97.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2500	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1600	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1400	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 05	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 136

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 20000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 18000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 16000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 14000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 12000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 10000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 9000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 8000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 7000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 6000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 5000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 4500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 76

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69,74
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS, EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-71,73-75

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 26000	76.8 83.7	78.5 85.5	78.9 85.8	78.9 85.8	78.9 85.8	78.9 85.8	78.9 85.8	78.9 85.8	78.9 85.8	78.9 85.8	78.9 85.8	78.9 85.8	78.9 85.8	78.9 85.8	78.9 85.8	78.9 85.8
IV 18000 16000	84.1 84.8	85.8 86.5	86.2 86.9	86.2 86.9	86.2 86.9	86.2 86.9	86.2 86.9	86.2 86.9	86.2 86.9	86.2 86.9	86.2 86.9	86.2 86.9	86.2 86.9	86.2 86.9	86.2 86.9	86.2 86.9
IV 14000 12000	86.9 88.2	88.6 90.0	88.9 90.3	88.9 90.3	88.9 90.3	88.9 90.3	88.9 90.3	88.9 90.3	88.9 90.3	88.9 90.3	88.9 90.3	88.9 90.3	88.9 90.3	88.9 90.3	88.9 90.3	88.9 90.3
IV 10000 9000	90.3 91.7	92.0 93.4	92.4 93.8	92.4 93.8	92.4 93.8	92.4 93.8	92.4 93.8	92.4 93.8	92.4 93.8	92.4 93.8	92.4 93.8	92.4 93.8	92.4 93.8	92.4 93.8	92.4 93.8	92.4 93.8
IV 8000 7000	92.7 94.1	94.5 95.8	94.8 96.2	94.8 96.2	94.8 96.2	94.8 96.2	94.8 96.2	94.8 96.2	94.8 96.2	94.8 96.2	94.8 96.2	94.8 96.2	94.8 96.2	94.8 96.2	94.8 96.2	94.8 96.2
IV 6000 5000	95.5 95.5	97.2 97.2	97.6 97.6	97.6 97.6	97.6 97.6	97.6 97.6	97.6 97.6	97.6 97.6	97.6 97.6	97.6 97.6	97.6 97.6	97.6 97.6	97.6 97.6	97.6 97.6	97.6 97.6	97.6 97.6
IV 4500 4000	95.5 95.8	97.2 97.6	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9
IV 3500 3000	95.8 96.9	97.6 98.6	97.9 99.0	97.9 99.0	97.9 99.0	97.9 99.0	97.9 99.0	97.9 99.0	97.9 99.0	97.9 99.0	97.9 99.0	97.9 99.0	97.9 99.0	97.9 99.0	97.9 99.0	97.9 99.0
IV 2500 2000	96.9 96.9	98.6 98.6	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0
IV 1800 1500	96.9 96.9	98.6 98.6	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0
IV 1200 1000	96.9 96.9	98.6 98.6	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0
IV 900 800	96.9 96.9	98.6 98.6	99.0 99.0	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3
IV 700 600	96.9 96.9	98.6 98.6	99.0 99.0	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3
IV 500 400	96.9 96.9	98.6 98.6	99.0 99.0	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3
IV 300 200	96.9 96.9	98.6 98.6	99.0 99.0	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3
IV 100 0	96.9 96.9	98.6 98.6	99.0 99.0	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3

TOTAL NUMBER OF OBSERVATIONS 289

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-71,73-75

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	72.8	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 20000	82.1	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IN 8000	82.1	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IN 16000	83.2	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IN 14000	84.0	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IN 12000	86.2	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IN 10000	87.7	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IN 9000	89.2	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IN 8000	91.0	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IN 7000	91.0	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IN 6000	92.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IN 5000	93.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IN 4500	93.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IN 4000	95.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IN 3500	95.9	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IN 3000	96.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IN 2500	96.6	97.8	98.1	98.1	98.1	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 2000	96.6	97.8	98.1	98.1	98.1	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 1800	96.6	97.8	98.1	98.1	98.1	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 1500	96.6	97.8	98.1	98.1	98.1	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 1200	96.6	97.8	98.1	98.1	98.1	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 1000	96.6	97.8	98.1	98.1	98.1	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 900	96.6	97.8	98.1	98.1	98.1	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 800	96.6	97.8	98.1	98.1	98.1	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 700	96.6	97.8	98.1	98.1	98.1	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 600	96.6	97.8	98.1	98.1	98.1	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 500	97.4	98.5	98.9	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 400	97.4	98.5	98.9	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 300	97.4	98.5	98.9	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 200	97.4	98.5	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 100	97.4	98.5	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 0	97.4	98.5	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 268

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-71, 73-75

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 20000	81.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 18000	81.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000	83.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 14000	84.0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 12000	86.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 10000	87.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 9000	88.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 8000	89.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 7000	92.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 6000	93.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 5000	94.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	95.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000	95.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	97.0	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	97.0	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	97.0	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	97.0	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	97.4	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	97.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 269

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71, 73-75
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.2	71.2	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
20000	82.4	82.4	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
18000	82.4	82.4	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
16000	82.4	82.4	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
14000	84.0	84.0	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
12000	85.6	85.6	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
10000	87.2	87.2	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
9000	90.4	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
8000	92.0	92.0	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
7000	94.4	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
6000	96.0	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
5000	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
4500	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
4000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 125

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71,73-75
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 18000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 16000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 14000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 12000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 10000	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 9000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 8000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 101

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 73, 75
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING - 10000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 18000 - 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000 - 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000 - 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000 - 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000 - 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500 - 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500 - 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500 - 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 - 1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 - 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 - 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 - 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 - 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 - 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 - 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 11

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-71,73-75

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 0
NO CEILING	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 20000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 18000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 16000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 14000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 12000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 10000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 9000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 8000	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 7000	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 6000	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 5000	96.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 4500	97.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 4000	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 3500	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 3000	98.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2500	98.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2000	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 332

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-71,73-75

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 20000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 18000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 16000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 14000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 12000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 10000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 9000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 8000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 7000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 6000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 5000	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 4500	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 4000	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 3500	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 3000	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 2500	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2000	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1800	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1500	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 301

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71,73-75
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.5	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 20000	74.1	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 18000	75.1	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 16000	75.1	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 14000	76.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 12000	78.0	78.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 10000	80.7	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 9000	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 8000	83.3	83.6	83.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 7000	85.2	85.6	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 6000	88.5	88.9	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 5000	92.8	93.1	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 4500	93.4	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 4000	95.4	95.7	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 3500	97.0	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 3000	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 305

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER 11 VICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

70-71,73-75

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	76.4	76.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 18000	77.8	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 16000	77.8	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 14000	78.5	78.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 12000	79.2	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 10000	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 9000	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 8000	86.8	86.8	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 7000	88.9	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 6000	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 5000	96.5	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 4500	97.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 4000	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 3500	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 3000	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 144

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71.73-75
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	67.9	72.6	73.8	73.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 20000	73.8	78.6	79.8	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 18000	73.8	78.6	79.8	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 16000	73.8	78.6	79.8	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 14000	77.4	82.1	83.3	83.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 12000	77.4	82.1	83.3	83.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 10000	81.0	85.7	86.9	86.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 9000	81.0	85.7	86.9	86.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 8000	84.5	89.3	90.5	90.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 7000	85.7	90.5	91.7	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 6000	91.7	96.4	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 5000	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1600	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1400	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 84

USAF ETAC

FORM 10-64

0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69,71,73,75

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 20000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 14000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 12000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1400	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 12

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	79.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 20000	89.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 18000	89.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 16000	89.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 14000	90.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 12000	91.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 10000	92.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 9000	94.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 8000	95.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 7000	95.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 6000	96.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 5000	96.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 4500	96.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 4000	97.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 3500	97.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 3000	97.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 2500	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1600	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1400	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 308

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	81.0 90.7	81.7 92.2	82.1 92.5	82.1 92.5	82.1 92.5	82.1 92.5	82.1 92.5	82.1 92.5	82.1 92.5	82.1 92.5	82.1 92.5	82.1 92.5	82.1 92.5	82.1 92.5	82.1 92.5	82.1 92.5
IV 18000 16000	90.7 90.7	92.2 92.2	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5
IV 14000 12000	90.7 90.7	92.2 92.2	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5
IV 10000 9000	90.7 92.9	92.2 94.4	92.5 94.8	92.5 94.8	92.5 94.8	92.5 94.8	92.5 94.8	92.5 94.8	92.5 94.8	92.5 94.8	92.5 94.8	92.5 94.8	92.5 94.8	92.5 94.8	92.5 94.8	92.5 94.8
IV 8000 7000	93.7 94.0	95.1 95.5	95.5 95.9	95.5 95.9	95.5 95.9	95.5 95.9	95.5 95.9	95.5 95.9	95.5 95.9	95.5 95.9	95.5 95.9	95.5 95.9	95.5 95.9	95.5 95.9	95.5 95.9	95.5 95.9
IV 6000 5000	95.5 95.9	97.0 97.4	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8	97.4 97.8
IV 4500 4000	96.6 97.0	98.1 98.5	98.5 98.9	98.5 98.9	98.5 98.9	98.5 98.9	98.5 98.9	98.5 98.9	98.5 98.9	98.5 98.9	98.5 98.9	98.5 98.9	98.5 98.9	98.5 98.9	98.5 98.9	98.5 98.9
IV 3500 3000	97.4 97.8	98.9 99.3	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6
V 2500 2000	98.1 98.1	99.6 99.6	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
V 1800 1500	98.1 98.1	99.6 99.6	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
V 1200 1000	98.1 98.1	99.6 99.6	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
V 900 800	98.1 98.1	99.6 99.6	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
V 700 600	98.1 98.1	99.6 99.6	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
V 500 400	98.1 98.1	99.6 99.6	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
V 300 200	98.1 98.1	99.6 99.6	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
V 100 0	98.1 98.1	99.6 99.6	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 268

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF AZONA

69-70, 73-75

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
MO. 15-5-1

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	85.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 20000	89.3	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 18000	89.3	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 16000	89.3	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 14000	90.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 12000	90.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 10000	91.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 9000	91.8	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 8000	92.9	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 7000	94.0	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 6000	95.0	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 5000	96.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 4500	96.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 4000	97.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 281

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

70, 73-75

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS, S

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ .	≥ 0
NO CEILING P 20000	82.9	83.8	83.8	85.5	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
MIN 8000	85.5	86.3	86.3	88.0	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
MIN 4000	86.3	87.2	87.2	88.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
MIN 2000	86.3	87.2	87.2	88.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
MIN 1000	86.3	87.2	87.2	88.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
MIN 800	88.9	89.7	89.7	91.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
MIN 600	91.5	92.3	92.3	94.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
MIN 500	92.3	93.2	93.2	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
MIN 450	94.0	95.7	95.7	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
MIN 400	94.0	95.7	95.7	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
MIN 350	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MIN 300	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MIN 250	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MIN 200	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MIN 150	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MIN 100	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MIN 80	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MIN 60	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MIN 40	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MIN 30	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MIN 20	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MIN 10	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MIN 5	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MIN 0	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 117

USAF ETAC 0-14.5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70,73-75

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	83.6	84.5	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 20000	88.2	89.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 18000	90.0	90.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 16000	90.0	90.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 14000	91.8	92.7	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 12000	93.6	94.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 10000	96.4	97.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 9000	96.4	97.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 8000	96.4	97.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 7000	96.4	97.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 6000	96.4	97.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 5000	96.4	97.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 4500	96.4	97.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 4000	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1600	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1400	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 110

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
ST NAME

70,73-75
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 20000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV N 18000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV N 16000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV IV 14000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV IV 12000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV N 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 1100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 750	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV N 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 27

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

73
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70,73-75
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 20000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 18000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 16000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 14000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 12000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 10000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 9000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 8000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 7000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 6000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 311

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70,73-75
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 20000	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 18000	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 16000	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 14000	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 12000	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 10000	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 9000	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 8000	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 7000	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 6000	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 5000	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1600	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1400	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

276

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.6	90.6	90.6	90.6	90.6
IV 20000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8
IV 18000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8
IV 16000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8
IV 14000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.2	96.2	96.2	96.2
IV 12000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0
IV 10000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0
IV 9000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0
IV 8000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0
IV 7000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.4	97.4	97.4	97.4
IV 6000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9
IV 5000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9
IV 4500	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9
IV 4000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
IV 3500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 3000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 2500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 2000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 1800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 1500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 1200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 1000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 900	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 700	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 300	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 100	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 265

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	91.9 99.3	91.9 99.3	91.9 99.3	91.9 99.3	91.9 99.3	91.9 99.3	91.9 99.3	91.9 99.3	91.9 99.3	91.9 99.3	91.9 99.3	92.6 100.0	92.6 100.0	92.6 100.0	92.6 100.0	92.6 100.0
IV 18000 IV 16000	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 14000 IV 12000	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 10000 IV 9000	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 8000 IV 7000	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 6000 IV 5000	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 4500 IV 4000	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 3500 IV 3000	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 2500 IV 2000	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 1800 IV 1500	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 1200 IV 1000	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 900 IV 800	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 700 IV 600	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 500 IV 400	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 300 IV 200	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 IV 0	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 149

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 83

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

70, 73-75
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
UNLIMITED	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 22

USAF ETAC

FORM 11-64

0

11 A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70,73-75
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 20000	97.4	97.4	97.7	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 18000	97.4	97.4	97.7	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 16000	98.1	98.1	98.4	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 14000	98.7	98.7	99.0	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 12000	98.7	98.7	99.0	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 10000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 309

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148

GILA BEND AAF ARIZONA

69-70, 73-75

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	94.9	94.9	94.9	94.9	94.9	94.9	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 20000	96.7	96.7	96.7	96.7	96.7	96.7	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 18000	97.1	97.1	97.1	97.1	97.1	97.1	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 16000	97.4	97.4	97.4	97.4	97.4	97.4	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 14000	98.2	98.2	98.2	98.2	98.2	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 12000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 10000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1600	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1400	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 273

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0	
NO CEILING	93.8	94.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 20000	95.3	95.6	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 8000	95.3	95.6	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 6000	96.4	96.7	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 4000	96.7	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 2000	97.8	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 450	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 350	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 250	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 150	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 90	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 80	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 70	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 60	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 50	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 40	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 30	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 20	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 10	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

274

USAF ETAC

FORM 24 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	94.5	96.6	97.3	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 20000	94.5	96.6	97.3	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 18000	94.5	96.6	97.3	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 16000	95.2	97.3	97.9	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 14000	95.2	97.3	97.9	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 12000	95.2	97.3	97.9	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 10000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1600	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1400	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 146

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0	
NO CEILING	91.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 20000	93.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 18000	93.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 16000	94.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 14000	94.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 12000	94.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 10000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 9000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 8000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 7000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 6000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 5000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 4500	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 4000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 3500	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 3000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 2500	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 2000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 200	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 100	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 0	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 105

03148 GILA BEND AAF ARIZONA

70, 73-75

JUN

2100-2300

4. SIBI, 74, 57A7, 7F M 66

[illegible]TOTAL NUMBER OF OBSERVATIONS 28

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

73

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET		VISIBILITY - STATUTE MILES															
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
∞	∞	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
∞	5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
∞	3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
∞	1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
∞	800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
∞	600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
∞	400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
∞	200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	150	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
∞	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

CEILING VERSUS VISIBILITY

69-70, 73-75

JUL

0600-0800

SECRET

[illegible]

TOTAL NUMBER OF OBSERVATIONS 295

USAF ETAC ^{FORM} 0-14.5 (OLA) ¹⁴ ¹⁵ OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 73-75
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 20000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 8000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 16000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 14500	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 12000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 10000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 9000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 246

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70,73-75
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT S*

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 20000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 18000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 16000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 14000	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 12000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 10000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 9000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 8000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 7000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 5000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 750	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 250	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 175	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 150	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 125	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 75	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 281

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

70,73-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 5	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1½	≥ 1	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ 0
NO CEILING	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 20000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 18000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 16000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 14000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 12000	90.5	90.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 10000	93.7	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 8000	94.4	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 7000	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 6000	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 5000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1600	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1400	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 126

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
V 20000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV N 8000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV N 6000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV N 14000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV N 12000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV N 10000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV N 9000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV V 8000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 7000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 6000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 5000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 4500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 4000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 3500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 3000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 2500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 2000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 1500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 1200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 1000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 900	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 800	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 700	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 600	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 400	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 300	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 100	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 75

USAF ETAC

FORM 1-64

0-14.5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIP WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

03143

GILA BEND AAF ARIZONA

72-74

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 20000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 18000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 16000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 14000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 12000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

26

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATIONGILA BEND AAF ARIZONA
STATION NAME55-70,72-75
YEARSAUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7600-0800
HOURS T.S.T.

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ 0
NO CEILING	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 20000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 18000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 16000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 14000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 12000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 10000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 9000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

367

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148

GILA BEND AAF ARIZONA

59-70,72-75

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7906-1100

HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 20000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 18000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 16000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 14000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 12000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 10000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 9000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

212

USAF ETAC ^{OPW} 12104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

10

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	80.2	80.2	80.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 18000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 16000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 14000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 12000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 10000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 9000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 8000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 7000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 6000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 5000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
U	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

305

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

ALLG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS - 15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 20000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 18000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 16000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 14000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 12000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 10000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 9000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 8000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 7000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 6000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

158

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ .025	≥ 0
NO CEILING ≥ 20000	68.9 83.3	68.9 84.4	68.9 84.4	68.9 84.4	68.9 84.4	68.9 84.4	68.9 84.4	68.9 84.4	68.9 84.4	68.9 84.4	68.9 84.4	68.9 84.4	68.9 84.4	68.9 84.4	68.9 84.4	68.9 84.4
≥ 18000 ≥ 16000	83.3 83.3	84.4 84.4	84.4 84.4	84.4 84.4	84.4 84.4	84.4 34.4	84.4 84.4	84.4 84.4	84.4 84.4	84.4 84.4	84.4 84.4	84.4 84.4	84.4 84.4	84.4 84.4	84.4 84.4	84.4 84.4
≥ 14000 ≥ 12000	90.0 96.7	91.1 97.8	91.1 97.8	91.1 97.8	91.1 97.8	91.1 97.8	91.1 97.8	91.1 97.8	91.1 97.8	91.1 97.8	91.1 97.8	91.1 97.8	91.1 97.8	91.1 97.8	91.1 97.8	91.1 97.8
≥ 10000 ≥ 9000	97.8 97.8	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9
≥ 8000 ≥ 7000	97.8 98.9	98.9 100.0	98.9 100.0	98.9 100.0	98.9 100.0	98.9 100.0	98.9 100.0	98.9 100.0	98.9 100.0	98.9 100.0	98.9 100.0	98.9 100.0	98.9 100.0	98.9 100.0	98.9 100.0	98.9 100.0
≥ 6000 ≥ 5000	98.9 98.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 4500 ≥ 4000	98.9 98.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 3500 ≥ 3000	98.9 98.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 2500 ≥ 2000	98.9 98.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 1800 ≥ 1500	98.9 98.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 1200 ≥ 1000	98.9 98.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 900 ≥ 800	98.9 98.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 700 ≥ 600	98.9 98.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 500 ≥ 400	98.9 98.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 300 ≥ 200	98.9 98.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 100 0	98.9 98.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

90

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

72-75

400

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 20000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 18000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 16000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

27

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 20000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 18000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 16000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 14000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 12000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 10000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 9000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

338

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 20000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 18000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 16000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 14000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 12000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 10000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 9000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 8000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 7000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 6000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 5000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 307

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATIONGILA BEND AAF ARIZONA
STATION NAME68-70, 72-74
YEARSSEP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	> 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 20000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 18000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 16000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 14000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 12000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 10000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 9000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 8000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 7000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 6000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 5000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

302

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 20000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 18000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 16000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 14000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 12000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

105

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-73
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING 'FEET'	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 20000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 18000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 16000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 14000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 12000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 10000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 9000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 8000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 7000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

73

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATIONGILA BEND AAF ARIZONA
STATION NAME68
YEARSSEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 20000	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 18000	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 16000	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 14000	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 12000	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 10000	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 9000	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 8000	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 7000	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

366

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 20000	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 18000	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 16000	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 14000	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 12000	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 10000	95.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 9000	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 8000	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 7000	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 6000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

326

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥½	≥¼	≥⅓	≥⅔	≥16	≥0
NO CEILING	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 20000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 18000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 16000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 14000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 12000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 10000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 9000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 8000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 7000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 6000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 5000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

330

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATIONGILA BEND AAF ARIZONA
STATION NAME68-70, 72-74
YEARSJCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 20000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 18000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 16000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 14000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 12000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 10000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 9000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 8000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 7000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 6000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 5000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

124

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS - LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5-16	≥ ¼	≥ 0
NO CEILING	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 20000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 18000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 16000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 14000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 12000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 10000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 9000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 8000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 7000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

94

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68,73-74
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5 16	≥ 1	≥ 0
NO CEILING	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

72
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
IV 18000 IV 16000																
IV 14000 IV 12000																
IV 10000 IV 9000																
IV 8000 IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000 IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500 IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500 IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500 IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800 IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200 IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900 IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700 IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500 IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300 IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≤ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 20000	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 18000	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 16000	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 14000	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 12000	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 10000	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 9000	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 8000	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 7000	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 6000	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 5000	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4500	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4000	97.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	97.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	97.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	97.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	97.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	97.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
≥ 400	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
≥ 300	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
≥ 200	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
≥ 100	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
≥ 0	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

387

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATIONGILA BEND AAF ARIZONA
STATION NAME68-74
YEARSNOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	76.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 20000	84.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 18000	85.3	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 16000	86.2	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 14000	88.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 12000	88.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 10000	89.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 9000	89.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 8000	90.6	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 7000	92.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 6000	93.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 5000	94.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4500	95.3	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4000	95.6	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	95.9	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	95.9	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	95.9	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	95.9	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	96.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	96.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	96.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	96.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	96.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	96.5	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	96.5	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	96.5	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	96.5	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	96.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	96.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	96.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	96.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	96.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

341

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148

GILA BEND AAF ARIZONA

68-74

4RV

STATION

STATION NAME

VF-95

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING ≥ 20000	79.4 89.3	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9
≥ 18000 N 16000	70.1 90.4	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0
N 14000 N 12000	90.4 91.3	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9
N 10000 N 9000	92.5 92.8	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4
N 8000 N 7000	94.3 94.9	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5
N 6000 N 5000	95.8 96.4	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3
N 4500 N 4000	97.9 98.2	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1
N 3500 N 3000	98.2 98.2	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1
N 2500 N 2000	98.2 98.8	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7
N 1800 N 1500	98.8 98.8	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
N 1200 N 1000	98.8 98.8	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
N 900 N 800	98.8 98.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
N 700 N 600	98.8 98.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
N 500 N 400	98.8 98.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
N 300 N 200	98.8 98.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
N 100 0	98.8 98.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

335

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/1AC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

NDV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 20000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 18000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 16000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 14000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 12000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 10000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 9000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 8000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 7000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 167

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5'16"	≥¼	≥0
NO CEILING	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 20000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 18000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 16000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 14000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 12000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 10000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 9000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 101

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

74
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS TEST

CEILING /FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5 16	≥ ¼	≥ 0
NO CEILING	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATIONGILA BEND AAF ARIZONA
STATION NAME68-74
YEARSJEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 20000	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 18000	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 16000	83.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 14000	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 12000	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 10000	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 9000	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 8000	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 7000	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 6000	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 5000	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

316

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

68-74

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	77.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 20000	85.7	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 18000	87.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 16000	87.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 14000	88.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 12000	88.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 10000	90.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 9000	90.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 8000	92.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 7000	92.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 6000	96.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 5000	96.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4500	96.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	96.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	97.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	97.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	97.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 200	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 100	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 0	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 287

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATIONGILA BEND AAF ARIZONA
STATION NAME68-74
YEARSDEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	74.1	76.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 20000	85.3	87.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 18000	86.7	88.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 16000	86.7	88.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 14000	87.8	89.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 12000	88.1	90.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 10000	90.6	92.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 9000	90.6	92.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 8000	90.9	93.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 7000	91.3	93.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 6000	92.3	94.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 5000	93.7	95.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	94.4	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4000	94.8	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3500	96.2	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	96.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	96.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	96.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	96.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	96.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

286

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT ST

CEILING FEET	VISIBILITY (ST) .ES.															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .1	≥ 0
NO CEILING	80.8	80.8	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 20000	91.2	91.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 18000	92.8	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 16000	93.6	93.6	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 14000	94.4	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 12000	94.4	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 10000	95.2	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 9000	95.2	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 8000	96.0	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 7000	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 6000	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 5000	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3500	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

125

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-71, 73-74
YEAR

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (ST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 20000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 18000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 16000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 14000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 12000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 10000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 9000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 8000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 7000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 6000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 5000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

88

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

76
YEARS

JEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 16	≥ 1	≥ 0
NO CEILING	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS. 10

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING BRANCH
ETAC. SAF
AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

68-71

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	10.0	6.3	4.4	4.7	4.5	4.0	2.1	9.7	8.2	3.9	42.3	6.7	419
FEB		35.6	2.8	3.9	3.6	5.9	1.8	1.6	9.1	7.1	3.6	25.1	4.7	460
MAR		35.8	5.9	14.5	6.0	5.8	1.1	4.3	6.8	5.2	1.2	13.5	3.4	487
APR		52.4	2.6	12.6	5.7	4.8	2.0	1.4	4.4	3.2	.7	10.4	2.5	453
MAY		50.9	14.8	7.4	4.0	5.5	1.7	2.2	5.5	2.4	1.7	3.9	2.0	382
JUN		51.4	3.3	17.2	4.4	5.5	3.0	9.8	2.1	1.4		1.5	1.9	416
JUL		7.7	6.4	10.1	13.5	13.0	7.5	7.8	8.6	7.1	3.5	14.9	5.0	408
AUG		8.0	7.5	6.5	8.9	12.4	5.5	1.1	6.4	13.0	6.4	24.2	5.8	384
SEP		68.0	4.2	7.8	4.5	3.5	1.4	.1	1.4	.9	3.2	5.1	1.5	634
OCT		67.5	5.5	4.8	2.9	2.3	2.9	3.2	1.9	2.3	1.9	4.8	1.6	684
NOV		44.4	5.9	7.2	7.4	3.0	2.3	2.3	2.4	2.3	9.2	13.6	3.3	706
DEC		29.8	3.2	3.2	8.4	4.9	4.2	5.7	5.2	6.9	7.4	21.1	4.8	705
TOTALS		38.5	5.7	8.3	6.2	5.9	3.1	3.5	5.3	5.0	3.6	15.0	3.6	6138

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

69-71

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02													
	03-05													
	06-08	23.5	5.9	5.9	8.4	2.5	1.7	4.2	10.9	7.6	3.4	26.1	5.1	119
	09-11	16.2	9.4	4.3	1.7	6.0	4.3	1.7	8.5	8.5	4.3	35.0	6.0	117
	12-14	12.5	10.7	2.7	2.7	6.3	2.7	3.6	8.9	12.5	5.4	32.1	6.2	112
	15-17	7.7	5.1	10.3	2.6	2.6	2.6		23.1	7.7	10.3	28.2	6.5	39
	18-20		6.5	3.2	12.9	9.7	12.9	3.2	6.5	12.9		32.3	6.5	31
	21-23											100.0	10.0	1
TOTALS		10.0	6.3	4.4	4.7	4.5	4.0	2.1	9.7	8.2	3.9	42.3	6.7	419

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

69-71

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02													
	03-05													
	06-08	35.7	3.2	7.1	6.3	2.4	2.4	1.6	9.5	9.5	3.2	19.0	4.3	126
	09-11	27.2	3.2	2.4	4.8	6.4	1.6	2.4	7.2	5.6	8.0	31.2	5.5	125
	12-14	26.8	3.3	2.4	2.4	1.6	1.6	.8	5.7	10.6	3.3	41.5	6.0	123
	15-17	38.9	2.8	2.8	5.6		2.8	2.8	2.8	8.3	2.8	30.6	4.7	36
	18-20	34.8	4.3	8.7	2.2		2.2	2.2	4.3	8.7	4.3	28.3	4.7	46
	21-23	50.0				25.0			25.0				2.8	4
TOTALS		35.6	2.8	3.9	3.6	5.9	1.8	1.6	9.1	7.1	3.6	25.1	4.7	460

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

69-71

MAR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02													
	03-05													
	06-08	40.0	4.3	6.6	7.1	7.1	1.4	1.4	7.9	4.3	3.6	14.3	3.5	140
	09-11	43.5	3.6	5.1	7.2	7.2	2.2	3.6	9.4	2.9	2.2	13.0	3.4	138
	12-14	40.3	5.8	8.6	2.9	5.0	2.9	4.3	10.8	5.0	1.4	12.9	3.5	139
	15-17	13.8	12.5	12.5	9.4	6.3			6.3	9.4		25.0	4.6	32
	18-20	21.9	9.4	18.8	9.4	9.4			6.3	9.4		15.6	3.9	32
	21-23	50.0		33.3				16.7					1.7	6
TOTALS		35.8	5.9	14.5	6.0	5.8	1.1	4.3	6.8	5.2	1.2	13.5	3.4	487

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2 DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

69-70

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02													
	03-05													
	06-08	51.9	6.2	5.4	3.1	4.7	2.3		7.8	4.7	.8	13.2	2.9	129
	09-11	56.8	6.8	2.3	6.8	6.1	.8		3.0	2.3	.8	14.4	2.5	132
	12-14	56.6	2.3	6.2	5.4	5.4	3.1	1.6	3.9	3.1		12.4	2.5	129
	15-17	35.3		11.8	11.8	5.9	5.9		11.8			17.6	3.7	17
	18-20	63.6			6.8	6.8		6.8		9.1	2.3	4.5	2.3	44
	21-23	50.0		50.0									1.0	2
TOTALS		52.4	2.6	12.6	5.7	4.8	2.0	1.4	4.4	3.2	.7	10.4	2.5	453

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

65-70

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02													
	03-05													
	06-08	59.2	8.3	5.8	6.7	2.5	.8	1.7	5.8	5.0	1.7	2.5	1.9	120
	09-11	61.3	6.3	9.9	.9	2.7	1.8	1.8	3.6	4.5	2.7	4.5	1.9	111
	12-14	53.3	.9	5.6	2.8	8.4	2.8	4.7	4.7	4.7	5.6	6.5	2.8	107
	15-17	45.0	5.0	5.0		15.0	5.0	5.0	10.0			10.0	3.0	20
	18-20	36.4	18.2	18.2	13.6	4.5			9.1				1.8	22
	21-23	50.0	50.0										.5	2
TOTALS		50.9	14.8	7.4	4.0	5.5	1.7	2.2	5.5	2.4	1.7	3.9	2.0	382

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

69-70

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02													
	03-05													
	06-08	64.8	1.6	8.8	7.2	5.6	4.0	1.6	3.2	.8		2.4	1.5	125
	09-11	60.0	9.1	9.1	6.4	2.7	2.7	1.8	3.6	1.8		2.7	1.5	110
	12-14	64.7	6.9	10.3	4.3	2.6	3.4	.9	3.4	1.7		1.7	1.3	116
	15-17	64.7		11.8		17.6	5.9						1.2	17
	18-20	56.5	2.2	13.0	8.7	4.3	2.2	4.3	2.2	4.3		2.2	1.8	46
	21-23			50.0				50.0					4.0	2
TOTALS		51.8	3.3	17.2	4.4	5.5	3.0	9.8	2.1	1.4		1.5	1.9	416

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

03148	GILA BEND AAF ARIZONA	69-70	JUL
STATION	STATION NAME	PERIOD	MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02													
	03-05													
	06-08	7.4	3.3	7.4	11.6	8.3	5.0	6.6	8.3	5.8	5.0	31.4	6.1	121
	09-11	12.8	11.9	12.8	9.2	11.9	3.7	6.4	7.3	4.6	2.8	16.5	4.5	109
	12-14	8.4	6.7	10.1	11.8	14.3	9.2	5.9	10.1	10.1	4.2	9.2	4.8	119
	15-17	4.8	4.8	9.5	19.0	9.5	14.3	9.5	9.5	9.5		9.5	4.9	21
	18-20	5.3	5.3	10.5	15.8	21.1	5.3	10.5	7.9	5.3	5.3	7.9	4.7	38
	21-23													
TOTALS		7.7	6.4	10.1	13.5	13.0	7.5	7.8	8.6	7.1	3.5	14.9	5.0	408

SKY COVER

AUG

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02													
	03-05													
	06-08	12.1	10.5	8.9	12.9	8.1	.8	.8	6.5	8.9	4.8	25.8	5.3	124
	09-11	18.4	12.2	11.2	6.1	6.1	1.0	1.0	1.0	8.2	11.2	23.5	5.0	98
	12-14	9.5	10.5	6.7	9.5	21.0	4.8	3.8	3.8	1.9	8.6	20.0	5.0	105
	15-17		4.5		4.5	18.2	18.2		9.1	9.1	4.5	31.8	6.8	22
	18-20			5.7	11.4	8.6	2.9		11.4	37.1	2.9	20.0	7.0	35
	21-23													
TOTALS		8.0	7.5	6.5	8.9	12.4	5.5	1.1	6.4	13.0	6.4	24.2	5.8	384

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

68-70

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02													
	03-05													
	06-08	56.0	9.8	9.8	9.2	4.9	.5	.5	2.2	1.6		5.4	1.7	184
	09-11	69.2	6.0	7.7	4.9	2.2	2.7		.5		2.2	4.4	1.3	182
	12-14	66.8	7.6	8.2	1.1	6.0	1.1		.5	2.2	1.6	4.9	1.4	184
	15-17	58.3		12.5	8.3	4.2	4.2				8.3	4.2	2.0	24
	18-20	57.6	1.7	8.5	3.4	3.4			5.1	1.7	6.8	11.9	2.7	59
	21-23	100.0											.0	1
TOTALS		68.0	4.2	7.8	4.5	3.5	1.4	.1	1.4	.9	3.2	5.1	1.5	634

SKY COVER

DLT

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02													
	03-05													
	06-08	60.8	3.5	7.0	3.5	3.0	1.5	3.0	2.0	4.0	3.5	8.0	2.2	199
	09-11	58.5	5.0	3.0	5.0	7.0	1.5	4.0	1.5	3.5	6.5	4.5	2.3	200
	12-14	54.2	7.8	8.3	6.8	1.6	4.2	3.6	2.1	4.2	1.6	5.7	2.1	192
	15-17	51.0	11.8	7.8	2.0	2.0	7.8	3.9	5.9	2.0		5.9	2.2	51
	18-20	80.5	4.9	2.4			2.4	4.9				4.9	1.0	41
	21-23	100.0											.0	1
TOTALS		67.5	5.5	4.8	2.9	2.3	2.9	3.2	1.9	2.3	1.9	4.8	1.6	684

2

;

NGV

MONTH

(

2

SKY COVER

DEC

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN' TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02													
	03-05													
	06-08	37.9	3.3	3.8	10.9	2.8	4.3	6.2	2.8	3.8	9.5	14.7	4.0	211
	09-11	34.8	4.5	4.0	6.6	3.0	1.5	4.5	7.6	3.5	8.1	21.7	4.5	198
	12-14	30.9	2.6	4.2	9.4	4.2	4.7	5.8	4.2	5.8	7.9	20.4	4.6	191
	15-17	27.7	3.1	1.5	7.7	4.6	3.1	4.6	6.2	6.2	9.2	26.2	5.3	65
	18-20	17.5	2.5	2.5	7.5	10.0	7.5	7.5	5.0	15.0	2.5	22.5	5.6	40
	21-23													
TOTALS		29.8	3.2	3.2	8.4	4.9	4.2	5.7	5.2	6.9	7.4	21.1	4.8	705

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the ~~percentage~~ ^{rain count} of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

48-60, 71-75
YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
105							.2						.0
100							.4						.0
95							.6						.1
90						.4	2.5	.4	.2				.3
85						3.6	23.7	10.5	3.6				3.6
80					.4	17.3	61.5	45.6	17.1				12.1
75					2.9	39.9	87.1	82.5	43.7	1.1			21.8
70				.6	15.9	65.7	98.5	96.5	70.8	11.4			30.4
65			.6	6.2	38.2	88.1	100.0	99.6	89.5	31.6	.2		38.2
60	.2	.5	3.3	26.1	69.4	97.2		100.0	97.9	60.4	2.7	.2	46.9
55	1.5	3.7	14.6	58.0	88.5	99.8			100.0	77.4	11.0	.9	55.0
50	4.8	15.5	39.5	79.9	96.6	100.0				89.7	34.1	5.8	64.2
45	16.7	35.6	69.5	93.1	100.0					96.9	60.8	19.5	74.6
40	43.5	63.2	89.5	99.1						99.6	81.6	48.0	85.5
35	70.8	85.6	97.7	100.0						100.0	93.9	77.2	93.8
33	82.1	91.3	98.6								97.3	85.0	96.2
30	91.7	95.7	99.4								99.3	92.7	98.2
25	97.5	99.5	100.0								100.0	99.3	99.7
20	99.8	100.0										100.0	100.0
15	100.0												100.0
MEAN	38.3	42.1	47.7	55.1	62.6	72.6	80.6	78.6	73.1	60.4	46.2	39.3	58.1
S D	6.820	7.184	6.566	6.423	6.644	6.785	5.269	4.757	6.508	7.673	7.073	6.460	16.286
TOTAL OBS	480	438	485	467	477	469	481	485	439	455	446	452	5574

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

STATION 03148 GILA BEND AAF ARIZONA

48-60, 71-75

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
105							.4	.2					.1
100						3.2	9.4	2.1	.5				1.3
95					.6	21.5	50.1	30.3	10.7				9.7
90					5.9	46.7	86.7	79.2	44.0				22.3
85				.6	19.9	77.6	97.7	95.7	73.6	8.8			31.6
80			.2	8.6	49.1	91.9	99.8	99.4	90.9	37.4			40.1
75			4.5	30.6	74.4	99.1	100.0	99.8	98.9	60.9	.9		47.8
70		2.1	16.5	62.1	89.5	100.0		100.0	99.8	75.8	11.2		55.1
65	1.2	13.2	44.9	81.4	97.3				100.0	89.9	36.8	1.8	64.2
60	12.9	35.8	68.2	92.7	100.0					95.6	63.5	17.3	74.1
55	37.7	66.9	87.6	99.1						99.1	82.1	47.8	85.1
50	69.2	86.5	97.3	100.0						100.0	94.2	75.4	93.6
45	89.6	96.1	99.8								99.3	92.9	98.2
40	97.3	99.8	100.0								100.0	99.3	99.7
35	99.4	100.0										100.0	99.9
30	100.0												100.0
25													
20													
15													
10													
5													
0													
MEAN	52.3	56.9	63.0	70.8	78.7	89.0	94.2	92.3	88.0	75.4	61.4	53.7	73.0
S D	6.310	6.536	6.815	6.821	6.851	6.137	4.409	4.158	5.656	7.928	6.863	5.915	16.129
TOTAL OBS	480	438	485	467	477	469	481	485	439	455	446	452	5574

2

(FROM DAILY OBSERVATIONS)

YEARS

[illegible]

NOTES * (BASED ON < FULL MONTHS)
A) # (AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 9-88-5 (GLA)

2

(FROM DAILY OBSERVATIONS)

YEARS

[illegible]

NOTES * (BASED ON < FULL MONTHS)

(AT LEAST ONE DAY < 24 OBS)

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68-75
YEARS

ALL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
118/117																		.0	3	3																	
116/115																		.1	14	14																	
114/113																		.3	42	42																	
112/111																		.0	89	89																	
110/109															.0		.0	.7	117	117																	
108/107														.0	.0	.0	.1	1.0	163	164																	
106/105											.0	.0	.0	.0	.1	.3	.3	1.0	240	241																	
104/103											.0	.0	.0	.0	.1	.2	.4	.3	1.2	315	319																
102/101						.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.3	1.1	331	333																	
100/ 99						.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.3	.3	1.3	386	388																	
98/ 97						.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.2	.1	1.2	382	384																	
96/ 95					.0	.0	.0	.0	.0	.1	.2	.3	.3	.2	.2	.3	.3	1.4	445	449																	
94/ 93					.0	.0	.0	.0	.1	.2	.3	.3	.2	.2	.3	.3	.3	1.2	435	442																	
92/ 91					.0	.0	.0	.1	.2	.2	.3	.3	.2	.2	.2	.4	.4	.8	459	465																	
90/ 89				.0	.0	.0	.1	.2	.3	.3	.2	.2	.2	.4	.2	.4	.4	.7	461	468																	
88/ 87				.0	.0	.1	.2	.2	.2	.3	.3	.2	.2	.3	.3	.4	.4	.5	474	477																	
86/ 85			.0	.0	.0	.1	.2	.2	.2	.2	.2	.3	.3	.4	.4	.4	.3	.3	460	465																	
84/ 83			.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.3	.4	.4	.4	.3	.1	447	450																	
82/ 81			.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.5	.5	.4	.3	.1	491	499																	
80/ 79			.1	.0	.1	.1	.1	.1	.2	.2	.2	.3	.4	.6	.5	.3	.1	.0	449	463																	
78/ 77			.0	.1	.1	.1	.1	.1	.1	.1	.3	.3	.5	.5	.4	.2	.0	.0	402	417																	
76/ 75		.0	.0	.1	.1	.1	.1	.1	.2	.3	.3	.4	.6	.6	.3	.1	.0		461	480																	
74/ 73		.0	.0	.1	.1	.2	.2	.2	.3	.5	.5	.7	.4	.1	.0				463	481																	
72/ 71		.0	.0	.1	.1	.1	.2	.2	.3	.6	.6	.5	.2	.1	.0				470	484																	
70/ 69		.1	.1	.1	.1	.1	.3	.5	.5	.6	.7	.7	.5	.1	.0				562	578																	
68/ 67		.0	.0	.1	.1	.2	.3	.5	.5	.4	.6	.2	.0						431	447																	
66/ 65		.0	.1	.1	.1	.3	.5	.7	.7	.0	.3	.1	.0						519	541																	
64/ 63	.0	.1	.1	.1	.2	.4	.6	.5	.7	.6	.3	.1	.0						539	561																	
62/ 61	.0	.0	.1	.2	.5	.4	.6	.6	.6	.3	.1	.0							471	501																	
60/ 59	.0	.1	.2	.3	.5	.5	.6	.5	.4	.3	.0	.0							461	481																	
58/ 57	.0	.1	.2	.2	.4	.5	.5	.5	.5	.2	.0								423	448																	
56/ 55	.0	.1	.3	.3	.3	.5	.5	.5	.5	.1									400	428																	
54/ 53	.0	.2	.2	.2	.4	.5	.5	.5	.5	.1	.0								359	372																	
52/ 51	.0	.2	.4	.5	.5	.4	.4	.4	.4	.1									370	397																	
Element (X)	Σ X ²					Σ X					X					Σ X					No. Obs.					Mean No. of Hours with Temperature					Total						
Rel. Hum.																																					
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

FORM 0-26-5 (OLA)
JUL 64
USAFETAC

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-75
YEARS

ALL
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
50/ 49	.0	.2	.3	.4	.4	.4	.3	.1	.0	.0								325	345	911	497	
48/ 47	.0	.3	.4	.5	.4	.4	.3	.1	.0									321	336	790	595	
46/ 45	.0	.3	.4	.4	.4	.3	.1	.0	.0									289	306	701	628	
44/ 43	.0	.2	.3	.4	.3	.1	.1	.0										219	229	583	723	
42/ 41	.0	.3	.3	.3	.3	.1	.0											198	202	485	717	
40/ 39	.0	.2	.4	.3	.2	.1												174	174	435	909	
38/ 37	.0	.2	.3	.3	.1	.0	.0											134	138	316	877	
36/ 35	.0	.1	.1	.2	.1	.0												85	88	242	916	
34/ 33	.0	.1	.2	.1	.1	.0												67	67	189	795	
32/ 31		.1	.1	.1	.0													44	44	142	680	
30/ 29	.0	.1	.1	.0	.0													29	29	81	759	
28/ 27	.0	.0	.0	.0	.0													20	20	59	718	
26/ 25	.0	.0	.0															11	11	36	504	
24/ 23		.0																2	3	16	401	
22/ 21		.0																2	2	5	312	
20/ 19																				2	299	
18/ 17																					123	
16/ 15																					89	
14/ 13																					62	
12/ 11																					68	
10/ 9																					60	
8/ 7																					15	
6/ 5																					6	
4/ 3																					4	
2/ 1																					9	
0/ -1																					5	
-2/ -3																					3	
-4/ -5																					1	
-10/-11																					5	
-12/-13																					1	
TOTAL	.4	3.4	4.9	5.5	5.8	6.2	6.8	6.6	7.1	6.6	6.4	6.5	6.0	4.9	5.1	4.3	13.5	14882			14454	
																		14454				
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.	25475901		528795		36.6		20.595		14454		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	8760					
Dry Bulb	86234174		1095734		73.6		19.325		14082		64.1 5494.9 4629.5 3695.5 1858.5							8760				
Wet Bulb	46809859		804339		55.6		11.909		14454		202.3 1941.6 958.2 68.5							8760				
Dew Point	27719021		598651		41.4		14.224		14454		9.1 2434.7 474.2 94.2 8.6							8760				

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

69-75

IAN

MONTH

ALL

HOURS (L. S. T.)

USAFETAC

PSYCHROMETRIC SUMMARY

69-75

JAN
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
14/ 13																					12	
12/ 11																					11	
10/ 9																					15	
8/ 7																					3	
6/ 5																					1	
4/ 3																					3	
2/ 1																					4	
0/ -1																					3	
-2/ -3																					3	
-4/ -5																					1	
-10/-11																					5	
-12/-13																					1	
TOTAL	.8	9.2	12.7	14.1	12.6	10.0	10.3	8.2	7.3	6.7	3.1	3.1	1.3	.4	.2			1215	1221	1215	1215	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-75

YEARS

FEB
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
90/ 89																		.1	1	1				
86/ 85																		.3	3	3				
84/ 83																		.4	5	5				
82/ 81														.3		.2	.7	.1	14	14				
80/ 79													.4	.3	.8	.3	.1	22	22					
78/ 77										.3	.3	.2	.4	.3	.2	.2	.3	22	22					
76/ 75							.1	.1	.3	.3	.3	.7	.8	.5	.2			36	36					
74/ 73				.1		.3	.3	.3	.6	.3	.5	.7	1.1	.2	.2			54	54					
72/ 71			.2		.1	.4	.5	.1	.8	.5	.8	1.2	.6	.4				66	66					
70/ 69			.1	.1	.3	.2	.5	.8	.5	.8	1.2	1.4	.2	.1				72	72					
68/ 67				.1	.4	.1	.5	.3	.9	.7	1.8	.4	.2					64	64	3				
66/ 65			.1	.1	.3	.5	.8	1.1	.6	.9	1.3	.3	.3					74	74	3				
64/ 63		.1	.5	.1	.8	.5	.9	.8	.8	1.8	.4	.3	.3					89	89	11				
62/ 61			.1	.3	.6	.8	.5	.3	1.1	.7	.5	.1						59	59	12				
60/ 59		.1	.2	.3	.6	.6	.8	.8	1.1	.7	.1							63	63	34				
58/ 57		.1	.2	.2	.4	.7	.6	.9	.6	.8	.1							53	53	29				
56/ 55	.2	.4	.7	.2	.6	.7	.6	1.2	.2	.3								59	59	74				
54/ 53		.2	.2	.4	.5	.8	.8	.8	.4	.1								57	57	100				
52/ 51	.2	.6	.6	.5	.6	.3	.7	.5	.3									52	52	121				
50/ 49	.3	.7	.7	.5	.8	.9	.8	.7	.1	.1								64	65	119				
48/ 47		.6	.5	.9	.8	1.3	.5	.3	.1									59	59	115				
46/ 45	.1	.6	.7	.7	.7	.7	.6		.1									48	48	112				
44/ 43		.4	.6	.9	.8	.8	.3											47	47	96				
42/ 41	.1	.3	.3	.2	1.6	.6	.1											37	37	77				
40/ 39	.1	.3	.6	.5	.7	.3												29	29	73				
38/ 37		.2	.3	.3	.2	.2												12	12	62				
36/ 35			.3	.4	.6	.1												16	16	47				
34/ 33			.2	.2	.3	.1												9	9	48				
32/ 31		.1		.2														3	3	22				
30/ 29					.1													1	1	13				
28/ 27					.1													1	1	12				
26/ 25																				6				
24/ 23																			1					
22/ 21																				2				
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

ALL

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 19																					57
18/ 17																					29
16/ 15																					24
14/ 13																					17
12/ 11																					26
10/ 9																					30
8/ 7																					10
6/ 5																					3
2/ 1																					5
0/ -1																					2
TOTAL	.6	5.3	6.7	7.1	11.5	10.7	9.9	9.1	8.3	8.1	7.6	5.2	4.4	1.8	1.5	1.3	.8	1191	1193	1191	1191

USAFETAC FORM 0-26-5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-75

MAR

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75

YEARS

APR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
102/101																		.2	2	2				
100/ 99																		.1	1	1				
98/ 97																		.6	7	7				
96/ 95																		.9	11	11				
94/ 93																	.1	1.4	19	19				
92/ 91													.1	.1	.2	.1	1.6	25	25					
90/ 89													.1	.2	.3	.3	1.7	32	32					
88/ 87													.2	.2	.8	1.0	1.9	49	49					
86/ 85											.1	.2	.2	.2	.8	1.1	1.4	51	51					
84/ 83										.1	.1	.2	.2	.5	1.2	1.4	.8	56	57					
82/ 81											.5	.6	.7	1.2	1.0	1.7	.2	74	75					
80/ 79										.2	.3	.7	.6	.7	.8	.3	.1	47	47					
78/ 77										.1	.1	.7	1.1	1.0	1.5	.7	.2	.1	69	70				
76/ 75									.3	.2	.3	.6	1.0	2.1	1.0	.2		74	75					
74/ 73									.4	.1	.8	1.3	1.8	.8	.4			69	71					
72/ 71								.2	.2	.6	.7	1.3	1.4	.7	.1			66	66					
70/ 69						.1	.3	.4	1.3	1.7	1.3	1.0	.3					79	81					
68/ 67					.1	.2	.4	1.2	.6	1.0	.2	.2						49	49	3				
66/ 65					.2	.6	.7	.9	1.4	1.3	.3	.4						72	74	6				
64/ 63			.1		.5	.7	1.3	1.4	.9	.6								67	67	14				
62/ 61			.1	.4	.5	.9	1.0	1.0	.2	.2								53	54	37				
60/ 59			.4	.4	.5	1.8	.9	.6	.3									61	62	74				
58/ 57			.2	.3	.6	1.0	.6	.5	.2									41	41	105				
56/ 55		.2	.3	.4	.7	1.1	.2	.9	.1									48	48	140	1			
54/ 53		.1	.2	.2	.6	.5	.6	.2										29	29	172	9			
52/ 51		.1	.2	.2	.4	.6	.4	.1	.1									26	27	203	12			
50/ 49		.1	.2	.2	.5	.3	.4											19	21	139	23			
48/ 47		.3	.4	.6	.2	.2												20	21	115	34			
46/ 45		.1	.2	.3	.3	.2	.1											14	15	73	30			
44/ 43			.2	.2														6	6	63	50			
42/ 41			.2		.2	.1	.1											6	6	37	48			
40/ 39			.1		.1													2	2	38	73			
38/ 37																				17	100			
36/ 35																				3	132			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

PSYCHROMETRIC SUMMARY

03148	GILA BEND AAF ARIZONA
STATION	STATION NAME

69-70, 72-75

APR

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

MAY
MONTH

PAGE 1 ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
112/111																		.4															5		5	
110/109																		.1															1		1	
108/107																		.5															7		7	
106/105																		.5															7		7	
104/103																		1.1															14		14	
102/101																		1.7															22		22	
100/ 99																.2		3.7														51		51		
98/ 97																.1	.1	4.5														60		60		
96/ 95														.1		.3	.8	6.0														93		93		
94/ 93														.1	.1	.3	.9	5.3														87		87		
92/ 91											.1	.2			.1	1.2	1.5	4.3														95		95		
90/ 89											.1	.1			.2	.3	1.0	2.0	2.8													94		94		
88/ 87															.5	1.3	1.2	.9	1.9													76		76		
86/ 85											.1	.1	.3		.6	1.2	1.2	1.1	.5													65		65		
84/ 83												.1	.4		.9	1.0	.8	1.0	.6													63		63		
82/ 81								.1	.1		.2	.2	.9	1.6	1.3	.7	.7	.5														82		82		
80/ 79									.1	.1	.2	.6	.9	1.2	.8	.5	.3															61		61		
78/ 77							.1			.1	.3	.9	.8	.4	.4	.2																50		50		
76/ 75									.1	.3	.7	.6	.8	.3	.2	.2																41		41		
74/ 73					.1	.1	.1		.5	.5	.5	1.1	.3	.2	.1																	45		45	3	
72/ 71							.1	.4	.5	.9	.7	.7	.5	.2																		50		50	11	
70/ 69					.1	.1	.3	.4	.7	.7	1.1	.4	.1																			49		49	15	
68/ 67							.1	.5	.4	.3	.5	.2	.1																			26		26	26	
66/ 65					.1	.2	.4	.3	.8	.9	.3																					41		41	62	
64/ 63						.1	.1	.5	.1	.4	.5	.3	.1																			26		26	116	
62/ 61				.1	.1	.1	.4	.2	.6	.2	.2																					25		25	155	
60/ 59				.1	.1	.2	.2	.1	.1	.1																						10		10	200	
58/ 57				.1	.2	.2	.2	.2	.5	.1																						15		15	168	
56/ 55			.2	.2	.2	.2	.2	.2		.1																						15		15	141	
54/ 53						.2	.1	.4																								5		5	129	
52/ 51			.3					.1																								5		5	87	
50/ 49		.1				.1	.1																									4		4	75	
48/ 47	.1																															1		1	45	
46/ 45							.1																									1		1	25	
Element (X)	Σ X ²			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

YEARS

ALL

HOURS (L, S, T.)

USAFETAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

Y? ARS

MONTH

ALL

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN
MONTH

ALL
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

YEARS

JUL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point							
118/117																		.1	1	1									
116/115																		.3	3	3									
114/113																		1.5	16	16									
112/111																		3.4	36	36									
110/109																		3.9	41	41									
108/107																	.5	3.8	45	46									
106/105													.3	.5	1.5	2.2	3.1		80	80									
104/103												.1	.1	1.0	2.1	2.7	2.9		94	95									
102/101												.3	.8	1.8	2.4	1.3	1.5		65	87									
100/ 99											.2	.2	1.7	2.1	1.4	1.0	1.5		86	87									
98/ 97										.1	.5	1.0	1.5	1.1	.9	.1	.6		62	63									
96/ 95									.2	.2	.6	1.9	1.2	.8	.7	.5	.8		71	72									
94/ 93										.6	1.9	1.4	.7	.6	.3	.4	.1		62	63									
92/ 91							.1		.9	1.2	1.1	.7	.9	.4	.5	.1	.3		66	66									
90/ 89							.1	.5	1.5	1.4	.6	.7	.8		.4	.1			63	63									
88/ 87							.2	.3	.9	1.2	1.4	.9	.4	.5	.2	.3		.1	68	68									
86/ 85						.1	.4	.9	.6	.9	.4	.4	.3	.3	.1				44	45									
84/ 83			.1			.3	.5	.6	.8	.7	.9	.1	.3	.6	.2		.1		52	52	1								
82/ 81				.1	.6	.9	.7	.4	.2	.2							.1		33	33	4								
80/ 79			.1	.4	.2	.3	.1	.3	.2		.1	.3	.2		.1				23	23	21	1							
78/ 77			.1	.3			.1					.2			.1				8	8	78								
76/ 75		.1	.1				.2	.1		.2		.2		.1					10	10	197	1							
74/ 73																					257	22							
72/ 71			.1				.1		.1	.2									5	5	175	19							
70/ 69																					92	51							
68/ 67																					85	97							
66/ 65																					53	123							
64/ 63																					33	155							
62/ 61																					22	120							
60/ 59																					12	99							
58/ 57																					11	71							
56/ 55																					7	53							
54/ 53																					1	47							
52/ 51																					2	39							
Element (X)	Σx^2		Σx		\bar{x}		s_x		No. Obs.		Mean No. of Hours with Temperature																		
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total						
Dry Bulb																													
Wet Bulb																													
Dew Point																													

PSYCHROMETRIC SUMMARY

69-70, 72-75

YEARS

JUL
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

AUG
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
118/117																		.1	1	1				
116/115																		.4	5	5				
114/113																		.6	7	7				
112/111																	.2	.7	12	12				
110/109														.3		.6	2.0	35	35					
108/107													.3	.1	.3	.5	2.8	49	49					
106/105											.1	.1	.2	.7	.2	1.7	1.4	2.8	76	76				
104/103										.1	.3	.2	.7	.7	2.0	1.3	3.6	109	109					
102/101						.1	.2	.1		.1	.1	.6	1.0	1.6	1.6	1.5	1.7	102	102					
100/ 99							.1	.2	.1	.1	.7	1.0	1.6	1.2	1.0	1.0	.8	94	94					
98/ 97							.1	.2	.4	.1	.7	1.2	1.4	1.6	.5	.5	1.2	94	94					
96/ 95					.1		.1	.1	.3	.2	1.2	.9	1.6	.9	.4	.5	.3	81	81					
94/ 93						.1	.1	.1	1.0	.7	1.2	.9	.8	.2	.4	.1	.6	73	73					
92/ 91							.2	.7	.7	.8	1.3	.9	.2	.2	.2	.1	.2	69	69		2			
90/ 89					.1	.2	.2	.7	1.2	1.2	.6	.4	.4	.2	.2		.2	70	70		1			
88/ 87					.1	.3	.4	.9	.8	.7	.7	.2	.1	.1		.1	.1	55	55		4			
86/ 85			.2	.1	.6	.9	1.3	.7	.8	.5	.3	.2	.2	.2	.2			72	72		7			
84/ 83			.1	.5	.7	.7	.9	.8	.2	.3	.4	.1	.1	.2				61	61		21			
82/ 81		.2	.4	.4	.5	.7	.2	.4	.4		.2	.1	.1					43	43		28			
80/ 79		.5	.2	.3	.4	.3	.7	.4	.7		.2	.1						47	47		58			
78/ 77		.2	.2	.2	.3	.2	.3	.2	.1	.2	.1	.1						26	26		121			
76/ 75		.1		.1	.4	.2	.2	.2		.2	.3	.1						22	22		196			
74/ 73				.1	.1			.1			.1	.2						6	6		189			
72/ 71								.2				.1						3	3		186			
70/ 69									.1									1	1		120			
68/ 67								.1										1	1		81			
66/ 65																					73			
64/ 63																					51			
62/ 61																					28			
60/ 59																					17			
58/ 57																					11			
56/ 55																				1	10			
54/ 53																					7			
52/ 51																					1			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

69-70, 72-75

AUG
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68-70, 72-74
YEARS

SEP
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
112/111																		.3	3	3												
110/109																		1.0	11	11												
108/107																.1		1.9	22	22												
106/105													.2			.1	.3	1.6	28	29												
104/103												.1	.1	.6		.4	.4	1.9	39	40												
102/101											.1	.2	.4	.4	.4	.4	2.9	55	55													
100/ 99											.2	.3	.5	.4	.6	.3	3.1	61	61													
98/ 97										.1	.2	.4	.9	.5	.4	.6	.7	1.6	60	60												
96/ 95										.1	.3	.4	.8	.8	1.0	.8	1.2	.6	2.1	87	88											
94/ 93										.2	.3	.6	.5	.7	.4	.5	1.2	.6	1.8	78	78											
92/ 91										.2	.3	.4	.5	1.2	.6	.4	.9	1.0	.8	73	73											
90/ 89									.2	.1	.6	.4	.4	.4	1.0	.6	.4	.5	.6	60	61											
88/ 87							.1	.3	.5	.4	.9	1.0	.7	.8	.5	1.0	.4	.2		77	77											
86/ 85				.1			.6	.5	.4	.8	.5	.9	.8	.5	.4	.2				66	66											
84/ 83			.1	.1	.2		.4	.5	.7	.4	.4	.3	.6	.4	.3	.1				46	46									2		
82/ 81			.1	.2	.1	.1	.6	1.0	.6	.3	.5	.5	.6	.3	.1					56	56									4		
80/ 79			.1		.1	.5	.8	.5	.3	.4	.6	.3	.7	.3						52	52								20			
78/ 77			.1		.1	.4	.4	.3	.2	.6	.5	.3	.3							38	38								46		2	
76/ 75		.1	.2	.1	.6	.4	.5	.3	.3	.4	.3	.8								43	43							72		7		
74/ 73		.1	.1	.2	.5	.1	.8	.6	.7	.3	.3	.5								39	39							74		14		
72/ 71		.2	.1	.2	.3	.6	.7	.1	.4	.4	.3									36	36							84		26		
70/ 69			.1		.1	.1	.4	.5	.8	.1	.4	.1								30	30							104		36		
68/ 67				.2	.1	.3	.4	.2	.5	.2										21	21							112		39		
66/ 65						.3	.1	.4	.2	.3										14	14							120		49		
64/ 63					.1	.2		.2	.4	.3		.1								13	13							108		67		
62/ 61							.3	.3	.4											10	10							87		55		
60/ 59						.1	.1	.1												3	3							88		71		
58/ 57							.1	.1		.1										2	2							62		62		
56/ 55								.1												1	1							49		44		
54/ 53																													34		50	
52/ 51																													24		58	
50/ 49																													14		66	
48/ 47																													11		67	
46/ 45																													6		59	
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

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STATION

STATION NAME

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HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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68-70, 72-74

ICT
MONTH

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HOURS (L, S, T.)

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (CLA)

PSYCHROMETRIC SUMMARY

68-74

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MONTH

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HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

58-74

31.5V
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

68-74

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YEARS

MONTH

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ALL

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148	GILA BEND AAF ARIZONA
STATION	STATION NAME

68-74

YEARS

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HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-75

JAN

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
68/ 67											.3							1	1						
62/ 61										.3								1	1						
60/ 59					.3													1	1						
58/ 57			.3		.6													3	3						
56/ 55		.9	.9															6	6						
54/ 53		1.2	.9		.9													10	10	6	2				
52/ 51	.3	.9	1.7	.9	.6	.6												17	17	10	3				
50/ 49		.9	.6	.6	1.2	.3	.3											13	13	9	7				
48/ 47		2.0	2.0	2.9	.9	1.5	.3											33	33	7	12				
46/ 45	.3	2.6	4.4	1.7	.9	.3	.3											36	36	19	5				
44/ 43	.3	1.2	2.0	1.5	2.0	.6												28	28	25	11				
42/ 41		1.7	2.9	1.7	1.2													26	26	32	14				
40/ 39		2.6	2.3	1.7	2.0	.3												31	31	29	16				
38/ 37		1.2	4.1	4.9	1.5	.6	.3											43	43	33	24				
36/ 35		1.2	1.7	2.0	1.2													21	21	25	23				
34/ 33		1.7	2.3	1.2	1.5													23	23	30	26				
32/ 31		1.2	2.3	1.2	.9													19	19	36	15				
30/ 29		1.7	1.7															12	12	25	22				
28/ 27		.6	.6	1.5														9	9	23	22				
26/ 25	.9	1.5																8	8	18	19				
24/ 23		.3																1	1	14	24				
22/ 21		.6																2	2		29				
20/ 19																				2	25				
18/ 17																					12				
16/ 15																					8				
14/ 13																					4				
12/ 11																					4				
10/ 9																					9				
8/ 7																					2				
2/ 1																					2				
0/ -1																					2				
-2/ -3																					2				
TOTAL	1.7	23.8	31.4	21.8	15.4	4.1	1.2			.3	.3							344	344	344	344				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.	1578272		22536		65.5		17.236		344		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	596174		14074		40.9		7.706		344			13.8	.3				93								
Wet Bulb	475901		12529		.4		7.555		344			32.2					93								
Dew Point	337475		101		.4		10.838		344		1.1	54.3					93								

FORM 0-26-5 (OL A) JUL 64

USAFETAC

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-75
YEARS

JAN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73												.3						1	1		
72/ 71												.3						1	1		
68/ 67										.3								1	1		
66/ 65			.3						.3									2	2		
64/ 63		.3		.3		.6			.3	.3								6	6		
62/ 61			.6	.3	.3	.3	1.3	.3				.3						11	11	2	
60/ 59		.6		1.6	.6	1.3	.9	.3	.3									18	18	1	2
58/ 57		.3	.3	.3	.6	1.3	1.6	1.3	.6									20	20	5	
56/ 55	.3	.6	.3	.9	1.6	2.2	.9		.3									23	23	7	8
54/ 53		.6	.6	1.3	1.6	1.3	3.8	.3	.3	.3								32	32	7	
52/ 51	.6	.3	1.9	2.2	3.1	1.6	2.8	.3										41	41	14	10
50/ 49		.9	.3	2.8	2.2	.9	1.3		.6									29	29	19	4
48/ 47		.6	1.3	1.6	2.2	2.2	.3	.3										27	27	29	7
46/ 45		.6	2.5	1.9	1.6	4.7	.9											39	39	33	9
44/ 43		.3	.6	.9	2.2	.6	.6											17	17	38	12
42/ 41		.3	.3	.3	1.6	.6												10	10	39	9
40/ 39		.9	.6	2.5	2.2	.9												23	23	26	23
38/ 37			.3	1.6	.6													8	8	26	32
36/ 35			.3	.9	.6													6	6	28	19
34/ 33		.3	.6	.3														4	4	18	21
32/ 31																				16	16
30/ 29																				9	19
28/ 27		.3																1	1	2	26
26/ 25																			1	1	24
24/ 23																					19
22/ 21																					19
20/ 19																					17
18/ 17																					2
16/ 15																					6
14/ 13																					3
12/ 11																					3
10/ 9																					2
6/ 5																					1
4/ 3																					2
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature							Total					
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

03-75

YEARS

JAN
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148	GILA BEND AAF ARIZONA
STATION	STATION NAME

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[illegible]

PSYCHROMETRIC SUMMARY

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MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

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0-26.5 (OL A)

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-75

JAN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
82/ 81														.6				1	1						
80/ 79													1.2					2	2						
78/ 77				.6								.6	.6	.6				4	4						
76/ 75									.6	.6		1.8	.6					6	6						
74/ 73						.6		.6	1.2	1.2	1.8	.6	1.2					12	12						
72/ 71					.6				1.2	1.2	.6	2.4	1.8	.6	.6			15	15	1					
70/ 69				.6				1.8	1.2	1.2	1.2	3.0	.6					16	16		1				
68/ 67			.6	1.2	.6			.6	1.8	1.2	3.7	.6	.6					18	18						
66/ 65		.6					2.4	2.4	2.4	1.2	1.8							18	18	1					
64/ 63		.6			.6	.6	1.2	.6	2.4	4.3		1.2						19	19	5					
62/ 61						3.0	.6	1.8	1.2	.6								12	12	3	2				
60/ 59					.6	1.8		1.2	1.8	1.2	.6							12	12	2	5				
58/ 57					1.2	.6	.6	1.2	1.8	.6								10	11	7	1				
56/ 55			.6				1.2	3.0	.6									9	10	11	1				
54/ 53					.6		3.0											6	6	18					
52/ 51					1.2		1.2											4	4	25	1				
50/ 49																				19	1				
48/ 47																				23	1				
46/ 45																				19	7				
44/ 43																				14	12				
42/ 41																				11	6				
40/ 39																				5	13				
38/ 37																					14				
36/ 35																					13				
34/ 33																					5				
32/ 31																					8				
30/ 29																					10				
28/ 27																					19				
26/ 25																					19				
24/ 23																					7				
22/ 21																					7				
20/ 19																					4				
18/ 17																					1				
16/ 15																					1				
14/ 13																					1				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_X		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.2b.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1 1900-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
72/ 71									1.1									1	1															
70/ 69								1.1	2.2	2.2	1.1		1.1					7	7															
68/ 67									1.1		1.1		1.1					3	3															
66/ 65				2.2					4.5	1.1	1.1							8	8															
64/ 63				2.2	1.1	1.1	2.2		2.2	4.5			1.1					13	13															
62/ 61					1.1	1.1	6.7	2.2	1.1	2.2								13	13	1														
60/ 59				2.2		2.2	2.2	1.1	2.2		1.1							10	10	2														
58/ 57			1.1	1.1	1.1	3.4	1.1	2.2	1.1									10	10	2	2													
56/ 55				1.1	1.1	1.1	1.1	5.6										9	9	5	2													
54/ 53				1.1	2.2			3.4										6	7	9														
52/ 51						1.1	1.1	1.1										3	3	8	2													
50/ 49						2.2	1.1											3	4	15	2													
48/ 47			1.1				1.1											2	2	11	3													
46/ 45																				9	3													
44/ 43																				9	2													
42/ 41					1.1													1	1	7	7													
40/ 39																				9	12													
38/ 37																					9													
36/ 35																				1	4													
34/ 33																				1	4													
32/ 31																					3													
30/ 29																					3													
28/ 27																					5													
26/ 25																					7													
24/ 23																					8													
22/ 21																					3													
20/ 19																					4													
18/ 17																					1													
16/ 15																					1													
10/ 9																					1													
4/ 3																					1													
TOTAL			1.1	1.2	7.9	12.4	18.0	23.6	11.2	10.1	1.1	3.4						89	91	89														

Element (X)	Σ x ²	Σ x	̄ x	s _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	167775	3605	40.5	15.722	89							
Dry Bulb	328471	5441	59.8	5.913	91			11.2				93
Wet Bulb	206131	4253	47.8	5.736	89							93
Dew Point	114510	3046	34.2	10.799	89			38.7				93

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

2100-2300
HOURS (L. S. T.)

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

09-75
YEARS

FLR
MONTH

PAGE 1 0600-0800
HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
70/ 69																																		2	2		
68/ 67																																		1	1		
64/ 63																																		1	1		
62/ 61																																		3	3		
60/ 59																																		7	7		
58/ 57																																		3	3		
56/ 55																																		15	15	3	3
54/ 53																																		9		2	
52/ 51																																		22		8	0
50/ 49																																		36	37	16	5
48/ 47																																		39	39	19	11
46/ 45																																		40	40	23	7
44/ 43																																		42	42	22	10
42/ 41																																		34	34	28	13
40/ 39																																		27	27	37	13
38/ 37																																		12	12	39	11
36/ 35																																		16	16	35	18
34/ 33																																		9	9	44	20
32/ 31																																		3	3	18	15
30/ 29																																		1	1	13	16
28/ 27																																		1	1	12	24
26/ 25																																				6	24
24/ 23																																					28
22/ 21																																				2	19
20/ 19																																					23
18/ 17																																					6
16/ 15																																					10
14/ 13																																					8
12/ 11																																					10
10/ 9																																					10
8/ 7																																					0
2/ 1																																					2
0/ -1																																					2
Element (λ)	Σ x ²		Σ x		x̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total																			
Rel Hum											≤ 67 F		≤ 72 F		≥ 77 F		≥ 82 F		≥ 87 F		≥ 92 F		Total														
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFCTAC FORM 0-2A- (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148	GILA BEND AAF ARIZONA
STATION	STATION NAME

69-75

YEARS

FLR
MONTH

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FORMS 10-3-71

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

00-75

YEARS

FEB
MONTH

PAGE 1 0900-1100
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																					TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
76/ 75																								.3	.3										2	2			
74/ 73																								.3	.3									2	2				
72/ 71																			.3			.3		.7									4	4					
70/ 69					.3														.3		.3	1.0		.7	.3	.3							10	10					
68/ 67				.3				.3						.3		.7	.3	.7		.3		.7		.3	.3	.3							7	7					
66/ 65							.3				1.0	1.6	.3	.3										.3									12	12	1				
64/ 63			1.0			.3	.3	.7	.3	.7	3.9	1.0																					25	25	1				
62/ 61				.7	1.0	.7	2.0	1.0	2.0	.3	.3																						24	24					
60/ 59		.3	.3	.3	1.3	.7	1.3	1.0	3.3	.7	.3																						29	29	5				
58/ 57		.3	.7	.3	.7	2.0	1.3	3.0	1.0	.7																							30	30	2				
56/ 55	1.0	1.3	.3	2.0	2.0	1.6	2.0	.3																									34	34	8				
54/ 53		.7	.3	.7	1.3	2.6	2.3	2.3	.7	.3																							34	34	22				
52/ 51	1.3	.7	1.3	1.0			2.3	1.0	.3																								26	26	21				
50/ 49	.7	1.3	.3	.3	2.3	2.0	.7	1.3																									27	27	30				
48/ 47		.7	.3	1.0	1.3	2.0	.7	.7																									20	20	35				
46/ 45		.3				1.0	1.3																										8	8	45				
44/ 43			.3	.7		.3	.3																										5	5	44				
42/ 41					.3	.7																											3	3	29				
40/ 39			.3		.3																												2	2	25				
38/ 37																																				17			
36/ 35																																				12			
34/ 33																																				4			
32/ 31																																				4			
30/ 29																																							
28/ 27																																							
26/ 25																																							
24/ 23																																							
22/ 21																																							
20/ 19																																							
18/ 17																																							
16/ 15																																							
14/ 13																																							
12/ 11																																							
10/ 9																																							
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature						Total																						
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$																							
D. Bulb																																							
Wet Bulb																																							
Dew Point																																							

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-75

YF 485

FL 3
MONTH

PAGE 2 0900-1100
HOURS 1. 5. 7. 1

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point				
8/	7																									
6/	5.																									
TOTAL		.7	5.9	5.9	5.6	13.2	14.1	15.5	15.5	9.5	6.9	3.6	1.3	2.0	.3					304	304	304				
																				304	304	304				

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	710567	13267	43.62	0.839	304	$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\geq 67^\circ\text{F}$	$\geq 73^\circ\text{F}$	$\geq 79^\circ\text{F}$	$\geq 93^\circ\text{F}$	
Dry Bulb	984360	17168	56.5	6.994	304			6.9	1.1			84
Wet Bulb	638292	13816	45.4	5.856	304		1.1					84
Dew Point	350684	9736	32.0	11.327	304		45.6					84

USAFETAC
FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YFARS

FLR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

75

FEB
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

FORM
MAY 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-75

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
90/ 89																	.7	1	1							
86/ 85																	2.2	3	3							
84/ 83																	.7	1	1							
82/ 81													.7				2.2	.7	5	5						
80/ 79												1.5	.7	2.2	.7			7	7							
78/ 77										1.5	1.5	.7	.7	.7				7	7							
76/ 75							.7		1.5	.7	1.5	2.2	.7	2.9	.7			15	15							
74/ 73				.7		2.2	.7	1.5	1.5	1.5	2.2	.7	5.1	.7	.7			24	24							
72/ 71						.7	.7	.7	2.2	1.5	.7	3.6		.7				15	15							
70/ 69						.7		.7		2.9	2.2	1.5						11	11							
68/ 67							1.5	.7	1.5	.7	1.5							8	8		1					
66/ 65			.7		.7	.7	.7	1.5	2.2	1.5	.7	1.5	.7					15	15		2					
64/ 63				.7	1.5	.7	3.6		2.2	.7	1.5	.7						16	16		4					
62/ 61						.7				.7	.7	.7						4	4		2					
60/ 59						.7				.7								2	2	10	2					
58/ 57					.7					.7								2	2	6	3					
56/ 55										.7								1	1	20	1					
54/ 53																				19	3					
52/ 51																				26	2					
50/ 49																				21	2					
48/ 47																				11	10					
46/ 45																				3	3					
44/ 43																				6	7					
42/ 41																				3	11					
40/ 39																				2	6					
38/ 37																				1	3					
36/ 35																					9					
34/ 33																					7					
32/ 31																					7					
30/ 29																					14					
28/ 27																					10					
26/ 25																					4					
24/ 23																					8					
22/ 21																					6					
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total					
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

FEB
MONIX

PAGE 2 1500-1700
40URS (11-5-71)

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
20/ 19																						5													
18/ 17																						2													
16/ 15																						2													
14/ 13																						2													
12/ 11																						2													
10/ 9																						4													
TOTAL		.7	1.5	2.9	6.6	8.0	5.1	10.9	13.9	12.4	11.7	9.5	5.8	3.0	3.6	3.6		137			137														
																		137			137														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	152149	4017	29.3	15.896	137							
Dry Bulb	697639	9737	71.1	6.413	137			59.5	38.6	8.0		84
Wet Bulb	381473	7191	52.5	5.441	137			.6				34
Dew Point	181766	4702	34.3	12.244	137		40.5					84

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 1 1500-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/ 79													.9		1.d	.9		4	4																
78/ 77													.9		.9		1.9	3	3																
76/ 75												.9			1.d			3	3																
74/ 73							.9			.9		.9	.9					4	4																
72/ 71					.9					.9	3.6		2.7	.9				10	10																
70/ 69						.9	1.8	3.6		.9	.9	3.6						15	15																
68/ 57				.9	1.8	.9			.9		2.7	1.8	.9					11	11																
66/ 65						.9	3.6			1.8	7.1	.9						16	16																
64/ 63		2.7		.9	1.8	.9	.9	.9	.9	.9	.9		1.d					13	13	1															
62/ 61				1.8	2.7			.9	.9									7	7	2															
60/ 59		.9	.9	.9	.9			1.8	.9									7	7	6															
58/ 57					.9		.9	1.8	3.6									8	8	5	4														
56/ 55		.9	.9	.9			.9	.9	.9	.9								5	5	11	3														
54/ 53		.9	.9			.9	.9	.9	.9									5	5	12	3														
52/ 51				.9														1	1	16															
50/ 49																				11	7														
48/ 47																				16	4														
46/ 45																				13	8														
44/ 43																				7	4														
42/ 41																				4	7														
40/ 39																				7	3														
38/ 37																				1	1														
36/ 35																					5														
34/ 33																					3														
32/ 31																					1														
30/ 29																					3														
28/ 27																					9														
26/ 25																					9														
24/ 23																					13														
22/ 21																					8														
20/ 19																					4														
18/ 17																					4														
16/ 15																					2														
10/ 9																					5														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\approx 67 F$	$\approx 73 F$	$\approx 80 F$	$\approx 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

FEB
MON

PAGE 2 1800-2000
HOURS L. S. T.

[illegible]

USAFETAC FORM 0.26 5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

FLR
MONTA

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/ 63												9.1						1	1																
62/ 61										9.1	9.1							2	2																
60/ 59				9.1		9.1				18.2								4	4																
58/ 57				9.1														1	1																
54/ 53								9.1										1	1	2															
52/ 51			9.1			9.1												2	2																
50/ 49																				1	1														
48/ 47																				1	1														
46/ 45																				2	1														
44/ 43																				3															
42/ 41																				2															
40/ 39																					1														
28/ 27																					2														
24/ 23																					2														
22/ 21																					2														
20/ 19																					1														
TOTAL			9.1	18.2		13.2		9.1	9.1	27.3	9.1							11	11	11	11														

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148	GILA BEND AAF ARIZONA
STATION	STATION NAME

1.9-75

YEARS

HAR
MOUTH

PAGE 1 0600-0800
HOURS 11. 5. 7 1

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2

YEARS

69-72

14R
MONTH

HOURS (L, S, T,)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-75

MAR
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
12/ 11																																				
10/ 9																																				
TOTAL	1.5	6.8	7.7	7.7	9.9	9.3	8.0	11.4	10.8	8.3	9.9	4.0	3.1	.9					324	345	324															

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

69-75

MAR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
26/ 25																					12
24/ 23																					18
22/ 21																					4
20/ 19																					5
18/ 17																					7
10/ 9																					3
TOTAL			1.5	2.4	4.8	6.3	8.1	7.2	9.9	8.4	6.3	8.7	9.6	7.2	7.8	5.1	7.2	335	354	335	335
														</							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

70-75
YEARS

MAR
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
98/ 97																	1.3	2	2					
96/ 95																	2.6	4	4					
94/ 93																	.7	1	1					
92/ 91																1.3	.7	3	3					
90/ 89																	3.9	6	6					
88/ 87															.7		2.6	7	7					
86/ 85															.7		4.0	9	9					
84/ 83																								
82/ 81																								
80/ 79																								
78/ 77																								
76/ 75																								
74/ 73																								
72/ 71																								
70/ 69																								
68/ 67																								
66/ 65																								
64/ 63																								
62/ 61																								
60/ 59																								
58/ 57																								
56/ 55																								
54/ 53																								
52/ 51																								
50/ 49																								
48/ 47																								
46/ 45																								
44/ 43																								
42/ 41																								
40/ 39																								
38/ 37																								
36/ 35																								
34/ 33																								
32/ 31																								
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F													
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148
STATIONGILA BEND AAF ARIZONA
STATION NAME69-75
YEARSMAR
MONTHPAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.d./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
88/ 87																	1.1	1	1					
86/ 85																2.2		2	2					
84/ 83																3.3		3	3					
82/ 81													1.1			5.6	1.1	7	7					
80/ 79														3.3				3	3					
78/ 77											1.1		2.2	2.2				5	5					
76/ 75													4.4	2.2		1.1		7	7					
74/ 73													2.2	1.1				3	3					
72/ 71										1.1	1.1	2.2	1.1			1.1		4	6					
70/ 69							1.1		2.2	1.1	2.2	3.3	2.2					11	11					
68/ 67							1.1	1.1		1.1	2.2							5	5					
66/ 65							1.1	3.3	1.1	1.1	1.1	1.1						8	8					
64/ 63						4.4	1.1				1.1							6	6					
62/ 61					1.1	1.1	1.1	1.1										4	4					
60/ 59				1.1	1.1	3.3	3.3		1.1									9	9	2				
58/ 57									1.1									1	1	3				
56/ 55									2.2	1.1								3	3	13				
54/ 53									2.2									2	2	15				
52/ 51			1.1															1	1	16				
50/ 49			1.1	1.1														2	2	14				
48/ 47				1.1														1	1	12				
46/ 45																				5				
44/ 43																				3				
42/ 41																				2				
40/ 39																				3				
38/ 37																				2				
36/ 35																								
34/ 33																								
32/ 31																								
30/ 29																								
28/ 27																								
26/ 25																								
24/ 23																								
22/ 21																								
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

HOURS (L, S, T.)

FORM
JUL 64

USAFETAC

2

2

MAR
MONTH

1

USAFETAC FORM 0-26.5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

03148	GILA BEND AAF ARIZONA
STATION	STATION NAME

69-70, 72-75

APR

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0900-1100
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

0900-1100
HOURS (L. S. T.)

FORM 0-26.5 (CL A)
JUL 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

YEARS

APR

MONTH

PAGE 1 1200-1400
HOURS (L. J. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
100/ 99																	.3	1	1													
98/ 97																	.9	3	3													
96/ 95																	1.9	6	6													
94/ 93																	.3	3.7	13	13												
92/ 91													.3		.3	.3	3.7	15	15													
90/ 89													.3	.3	.9	.9	1.9	14	14													
88/ 87													.9		2.2	3.1	4.7	35	35													
86/ 85												.9		.6	1.2	2.5	3.1	27	27													
84/ 83													.6	.9	1.2	3.1	1.2	23	24													
82/ 81											1.2	1.9	1.9	2.5	1.2	2.5		36	37													
80/ 79										.3	.6	1.6	1.2	.9	1.6	.3		21	21													
78/ 77										.3	1.2	1.6	1.2	1.9	.3			21	22													
76/ 75								.9			.6	.6	2.2	1.2				18	18													
74/ 73								.6		1.2	.3	1.2	.3					17	14													
72/ 71									1.2	.9	.6	1.9	.3					16	16													
70/ 69							.3		1.6	1.9	.3	.3						14	15													
68/ 67								.3	1.2	.3	.6							8	8		1											
66/ 65					.3	.6	.3	.9	1.6	.6	.3	.6						15	15		3											
64/ 63			.3	.3	.6	.3	.9	1.6	.6									14	14		12											
62/ 61			.3	.3	.3	.3	.3	.3										5	5		18											
60/ 59			.6	.3														3	3		45											
58/ 57							.3											11	1		48											
56/ 55			.3															1	1		57											
54/ 53																					53	2										
52/ 51																					55	4										
50/ 49																					16	11										
48/ 47																					8	14										
46/ 45																					4	6										
44/ 43																					2	13										
42/ 41																						18										
40/ 39																						19										
38/ 37																						36										
36/ 35																						34										
34/ 33																						38										
Element (X)	Σ X'		Σ X		Σ		σ _x		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									Total							
Dry Bulb																																
Wet Bulb																																
Dew Point																																

FORM 44 JUL 64 0-26-5 (OL A) IN FIELD WEATHER STATIONS OR FROM AIR OBSERVATIONS

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

APR
MONTH

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
102/ 101																	1.5	2	2			
98/ 97																	3.0	4	4			
96/ 95																	3.8	5	5			
94/ 93																	4.5	6	6			
92/ 91															.8	.8	6.1	10	10			
90/ 89															.8		8.3	12	12			
88/ 87																.8	6.1	9	9			
86/ 85													.8				3.8	10	10			
84/ 83												1.5		.8	3.0	3.0	.8	12	12			
82/ 81												.8		.8	2.3	3.0	.8	10	10			
80/ 79												.8		.8	.8	.8	.8	5	5			
78/ 77											.8			3.0	.8		.8	7	7			
76/ 75												.8	4.5					7	7			
74/ 73										1.5	.8			.8				4	4			
72/ 71								.8	.8	.8	2.3	2.3						9	9			
70/ 69						.8		.8		.8	1.5							5	5			
68/ 67								.8	.8	.8				1.5				4	4	1		
66/ 65							.8	.8	.8	.8		.8						4	4	2		
64/ 63							1.5	.8		.8								4	4			
62/ 61									1.5									2	2	6		
60/ 59																				15		
58/ 57																				17		
56/ 55																				22		
54/ 53		.8																1	1	22	1	
52/ 51																				32	1	
50/ 49																				7	2	
48/ 47																				3	4	
46/ 45																				4	2	
44/ 43																				1	5	
42/ 41																					4	
40/ 39																					6	
38/ 37																					13	
36/ 35																					8	
34/ 33																					14	
Element (X)	Σ X ²		Σ X		̄X	σ _x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

70, 72-75

APR
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

APR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
90/ 89																	2.5	3	3				
88/ 87																	.8	1	1				
86/ 85											.8				.8		.8	3	3				
84/ 83										.8				.8		1.7	3.4	8	8				
82/ 81											.8		.8	.8	2.5	3.4	.8	11	11				
80/ 79											.8		1.7	.8	1.7	.8		7	7				
78/ 77											3.4	1.7	3.4	2.5	.8			14	14				
76/ 75								.8		1.7	.8	2.5	1.7	5.1	.8			16	16				
74/ 73										1.7		4.2	2.5	1.7				12	12				
72/ 71								.8	.8	1.7		1.7						6	6				
70/ 69									1.7	2.5	2.5	2.5						11	11				
68/ 67					.8				1.7	2.5	1.7							8	8	1			
66/ 65							.8	1.7	1.7	1.7								7	7	1			
64/ 63								.8										1	1	1			
62/ 61						.8	.8	.8										3	3	2			
60/ 59							1.7	1.7	.8									5	5	3			
58/ 57						.8												1	1	13			
56/ 55																				15			
54/ 53																				20			
52/ 51						.8												1	1	24			
50/ 49																				24			
48/ 47																				10			
46/ 45																				2			
44/ 43																				2			
42/ 41																							
40/ 39																							
38/ 37																							
36/ 35																							
34/ 33																							
32/ 31																							
30/ 29																							
28/ 27																							
26/ 25																							
24/ 23																							
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Ref. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

YEARS

APR

MONTH

HOURS (L. S. T.)

USAFETAC
FORM
1111 04
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

70, 72-75

YEARS

APR
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
78/ 77													3.6		3.6	3.6		3	3				
76/ 75													3.6	3.6	3.6			3	3				
74/ 73												7.1		3.6				3	3				
72/ 71												10.7	7.1					5	5				
70/ 69											3.6	7.1						3	3				
68/ 67									3.6		7.1							3	3				
66/ 65					3.6	3.6												2	2				
64/ 63									3.6		3.6							2	2				
62/ 61									7.1									2	2				
60/ 59							3.6											1	1				
58/ 57																					1		
56/ 55									3.6									1	1		1		
54/ 53																					1		
52/ 51																					5		
50/ 49																					8		
48/ 47																					9		
46/ 45																					2		
42/ 41																					1		
38/ 37																							
34/ 33																							
32/ 31																							
30/ 29																							
28/ 27																							
26/ 25																							
24/ 23																							
22/ 21																							
20/ 19																							
18/ 17																							
TOTAL					3.6	3.6	3.6	3.6	14.3		14.3	25.0	14.3	7.1	7.1	3.6		28	28	28	28		

PSYCHROMETRIC SUMMARY

MAY
MONTH

USAFETAC
FORM
RU 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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MAY
MONTH

STATION

STATION NAME

YEARS

MONTH

0600-0800

HOURS (L. S. T.)

USAFETAC 0-26-5 (OL A) FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

YUARS

MAY
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

0-26-5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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2

0900-1100
HOURS (L. S. T.)

USAFETAC 0-26-5 (OLA) FORM 04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY:

03148	GILA BEND AAF ARIZONA
STATION	STATION NAME

69-70, 72-75

YEARS

MAY
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1200-1400
HOURS (L. S. T.)

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75

YEARS

MAY
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
112/111																	1.8	3	3					
110/109																	.6	1	1					
108/107																	1.8	3	3					
106/105																	1.8	3	3					
104/103																	4.8	8	8					
102/101																	3.6	6	6					
100/ 99															.6	.6	11.9	22	22					
98/ 97																	13.1	22	22					
96/ 95															.6	1.2	19.0	35	35					
94/ 93																.6	8.3	15	15					
92/ 91											.6					.6	5.4	12	12					
90/ 89														1.8		3.0	4.8	16	16					
88/ 87																	2.4	4	4					
86/ 85																.6		1	1					
84/ 83													.6				.6	2	2					
82/ 81												.6				1.8	.6	5	5					
80/ 79											1.2		.6					3	3					
78/ 77										.6						.6		2	2					
76/ 75												1.2				.6		1	1					
74/ 73													.6					2	2					
72/ 71													.6					2	2	3				
70/ 69																				4				
68/ 67																				5				
66/ 65																				17				
64/ 63																				18				
62/ 61																				21				
60/ 59																				45				
58/ 57																				19				
56/ 55																				13				
54/ 53																				12				
52/ 51																				5				
50/ 49																				6				
48/ 47																				16				
46/ 45																				14				
Element (X)	Z _X	Z _X	X	e _X	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
0

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3-265 (OLA)

FORM 1

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

MAY
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
104/103																	1.0	1	1				
102/101																	1.0	1	1				
100/ 99																	3.1	3	3				
98/ 97																1.0	4.2	5	5				
96/ 95																	7.3	7	7				
94/ 93													1.0			2.1	5.2	8	8				
92/ 91															2.1	2.1	12.5	16	16				
90/ 89															4.2	3.1	4.2	11	11				
88/ 87															2.1	2.1	7.3	11	11				
86/ 85												1.0	1.0		2.1	3.1		7	7				
84/ 83														2.1	4.2	3.1	3.1	12	12				
82/ 81														1.0	1.0	2.1	1.0	5	5				
80/ 79											1.0				1.0	2.1		4	4				
78/ 77										1.0					1.0			2	2				
76/ 75															1.0			1	1				
74/ 73												1.0						1	1				
72/ 71													1.0					1	1				
70/ 69																				1			
68/ 67																				3			
66/ 65																				2			
64/ 63																				12			
62/ 61																				14			
60/ 59																				16			
58/ 57																				10	1		
56/ 55																				13			
54/ 53																				14			
52/ 51																				8			
50/ 49																				2	3		
48/ 47																				1	5		
46/ 45																					4		
44/ 43																					3		
42/ 41																					5		
40/ 39																					14		
38/ 37																					9		
Element (X)	Σ X ²		Σ X		X̄		e _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

MAY
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

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HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

JUN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
100/ 99																	.3				.3	1	1	
98/ 97																	.3				.3	1	1	
96/ 95																	.3				.3	1	1	
94/ 93														.6	.3		.3				.3	4	4	
92/ 91														1.1	1.1	.3	.8				.8	12	12	
90/ 89										.3		.8		.6	.3	.6	.8				.8	12	12	
88/ 87										.3	.6	.6	.8	.6	1.4	.6						17	17	
86/ 85										.3	.8	.6	.8	1.4	.8	1.1						21	21	
84/ 83							.3	.6	.8	1.1	.8	2.0	2.0	.8	1.4	.6						37	37	
82/ 81						.3	.6	.8	.8	1.1	1.1	.6	2.5	.8	.6	.3						34	35	
80/ 79							.8	1.1	.3	.8	2.8	2.8	1.4	.8								39	39	
78/ 77					.3		.8	.6	1.1	1.1	1.7	2.2	2.0	.3	.3							37	37	
76/ 75				.3	.3	.6	.3	.3	1.4	1.4	1.1	1.1	.8	.6								29	30	
74/ 73				.3	.3	.3	.8	.3	.6	2.0	1.4	2.5	1.1									33	33	
72/ 71				.3			1.1	.6	1.7	1.4	1.7	.8										27	28	3
70/ 69					.6		.8	.3	1.4	1.7	1.1	.3										22	22	11
68/ 67			.3		.3	.8	.3	.3	.8	.6	.6	.6										14	14	18
66/ 65						.3		.3	.6	.8	.6											10	10	26
64/ 63							.8	.3		.3												5	5	28
62/ 61																							31	5
60/ 59																							53	12
58/ 57																							51	13
56/ 55																							42	11
54/ 53																							42	20
52/ 51																							28	12
50/ 49																							13	22
48/ 47																							8	22
46/ 45																							2	20
44/ 43																								23
42/ 41																								23
40/ 39																								28
38/ 37																								32
36/ 35																								27
34/ 33																								19
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

JUN
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OLA)

PSYCHROMETRIC SUMMARY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

64-70, 72-75

YEARS

JUN
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL				
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
110/109																	.3	1	1				
108/107																	1.0	3	3				
106/105																	2.5	8	8				
104/103																	2.5	8	8				
102/101															.3		4.8	16	16				
100/ 99															.3	.6	4.8	18	18				
98/ 97														1.3	1.0	.3	6.1	27	27				
96/ 95														.8	.6	1.6	7.3	32	33				
94/ 93											.3	.6	.6	1.0	.6	1.6	4.8	30	30				
92/ 91											1.0	.3	1.6	.3	1.6	4.1	2.9	37	38				
90/ 89										.6	1.0	.6	1.0	.6	3.5	2.9	1.6	37	37				
89/ 87									.8		1.6	.3	1.0	1.6	1.9	1.0	.6	27	27				
86/ 85									.3	.3	1.3	1.3	1.3	1.3	2.2	1.0	.3	29	30				
84/ 83									1.0	.3	.3	.3	.6	1.3	.3			13	13				
82/ 81							.6		1.0	.6		1.6		.3	.3			14	14				
80/ 79									.3	.6	.6	.3						6	6				
78/ 77							.3		.3	.3		.3						4	4				
76/ 75									.3	.3	.3							3	3				
74/ 73										.3								1	1	4			
72/ 71																				18			
70/ 69																				26			
68/ 67																				37			
66/ 65																				35			
64/ 63																				51	9		
62/ 61																				59	11		
60/ 59																				42	9		
58/ 57																				30	14		
56/ 55																				11	11		
54/ 53																				1	17		
52/ 51																					16		
50/ 49																					21		
48/ 47																					18		
46/ 45																					22		
44/ 43																					34		
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

YEARS

JUN
MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL					
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30		≥ 31	Dry Bulb	Wet Bulb	Dew Point		
116/115																		1.4	4	4			
114/113																		1.7	5	5			
112/111																		5.7	17	17			
110/109																		5.1	15	15			
108/107																		6.4	19	19			
106/105																		8.8	26	26			
104/103																	.3	6.8	21	22			
102/101																		8.1	24	24			
100/ 99														.3	.3	2.0	12.2	44	45				
98/ 97													.7	.3	1.7	.3	7.4	31	32				
96/ 95												.3	.3	1.0	1.7	4.4	23	23					
94/ 93											.3	.7	1.0	1.4	1.7	1.7	20	20					
92/ 91										.7	.3	1.0	2.0	.3	.3	.7	16	16					
90/ 89									.3	.3	.3	.7	.7	.7	1.4		13	13					
88/ 87									.3	.7	.7	.3	.7		.3		9	9					
86/ 85									.3	.3	.3	.3	.3		.3		4	4					
84/ 83								.3				.3	.3				3	3					
82/ 81									.3								1	1					
76/ 75								.3									1	1		1			
74/ 73																				17			
72/ 71																				12			
70/ 69																				47			
68/ 67																				58			
66/ 65																				51			
64/ 63																				45			
62/ 61																				30			
60/ 59																				28			
58/ 57																				8			
56/ 55																							
54/ 53																							
52/ 51																							
50/ 49																							
48/ 47																							
46/ 45																							
Element (X)	Σ X'		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

JUN
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

FORM 0-26-5 (QLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

YEARS

JUN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
118/117																	.7	1	1						
116/115																	1.4	2	2						
114/113																	9.9	14	14						
112/111																	11.3	16	16						
110/109																	7.7	11	11						
108/107																	9.9	14	14						
106/105																	9.2	13	13						
104/103																	12.7	18	19						
102/101																.7	8.5	13	13						
100/ 99																.7	4.2	7	7						
98/ 97															.7	1.4	6.3	12	12						
96/ 95														.7	.7		3.5	7	7						
94/ 93															.7		.7	2	2						
92/ 91															.7	1.4	2.1	6	6						
90/ 89																2.8		4	4						
86/ 85											.7							1	1						
74/ 73																				3					
72/ 71																				10					
70/ 69																				14					
68/ 67																				18					
66/ 65																				25					
64/ 63										.7								1	1	20					
62/ 61																				32					
60/ 59																				15					
58/ 57																				4					
56/ 55																				5					
54/ 53																				1					
52/ 51																				5					
50/ 49																				12					
48/ 47																				17					
46/ 45																				12					
44/ 43																				9					
42/ 41																				10					
40/ 39																				13					
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OLA) JUL 64 AAF OSOLETE
REVISED PREVIOUS EDITIONS OF 14

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
38/ 37																				16		
36/ 35																				18		
34/ 33																				6		
32/ 31																				3		
26/ 25																				4		
TOTAL							.7			.7			.7	2.1	7.0	2.8	85.9	142	142	142		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

JUN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point			
110/109																	1.9	2	2					
108/107																	3.7	4	4					
106/105																	1.9	2	2					
104/103																	10.2	11	11					
102/101																	5.6	6	6					
100/ 99																	8.3	9	9					
98/ 97														.9			8.3	10	10					
96/ 95															.9	1.9	8.3	12	12					
94/ 93																1.9	10.2	13	14					
92/ 91											1.9		.9	.9		1.9	3.7	10	11					
90/ 89												.9	.9		.9	.9	3.7	8	8					
88/ 87												1.9	.9	1.9	1.9		1.9	9	9					
86/ 85											.9	.9	1.9		2.8			7	8					
84/ 83											.9	.9	.9					3	3					
82/ 81									.9			.9						2	2					
74/ 73																						1		
72/ 71																						3		
70/ 69																						4		
68/ 67																						11		
66/ 65																						23		
64/ 63																						21	2	
62/ 61																						18	1	
60/ 59																						13		
58/ 57																						9	2	
56/ 55																						4	2	
54/ 53																						1	3	
52/ 51																							5	
50/ 49																							8	
48/ 47																							6	
46/ 45																							10	
44/ 43																							11	
42/ 41																							14	
40/ 39																							12	
38/ 37																							8	
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

70, 72-75

JUN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point				
104/103																	3.4	1	1					
102/101																	3.4	1	1					
100/ 99																6.5	1.9	4	4					
98/ 97																	3.4	1	1					
96/ 95																	3.4	1	1					
94/ 93																	13.8	4	4					
92/ 91																3.4		1	1					
90/ 89													3.4	3.4	3.4	6.9		5	5					
88/ 87										3.4				3.4	3.4	10.3		6	6					
86/ 85																3.4		1	1					
84/ 83											3.4				3.4			2	2					
82/ 81														3.4				1	1					
80/ 79														3.4				1	1					
70/ 69																						3		
68/ 67																						2		
66/ 65																						2		
64/ 63																						3		
62/ 61																						8	1	
60/ 59																						3		
58/ 57																						4	1	
56/ 55																						3	1	
54/ 53																						1	1	
52/ 51																							2	
50/ 49																							1	
48/ 47																							1	
46/ 45																							2	
44/ 43																							4	
42/ 41																							3	
40/ 39																							4	
38/ 37																							2	
36/ 35																							2	
34/ 33																							2	
32/ 31																							1	
30/ 29																							1	
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

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MONTH

HOURS (L. S. T.)

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

0300-0500
HOURS (L. S. T.)

0.26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

03148	GILA BEND AAF ARIZONA
STATION	STATION NAME

69-70, 72-75

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JUL
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PAGE 1 0600-0800
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

 JUL
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
110/109																	.4	1	1		
108/107																	.8	2	2		
106/105																	1.2	5	5		
104/103														.8	1.6	2.0	2.4	17	17		
102/101													.8	.8	2.8	1.2	2.4	20	20		
100/ 99											.4	2.0	4.9	3.3	2.4	2.4	38	38			
98/ 97											.8	2.4	3.7	3.3	2.4	.8	33	34			
96/ 95									.4	1.6	4.9	2.8	3.3	1.2	1.2	.8	39	40			
94/ 93									1.6	4.9	2.8	1.2	1.2	.4	.4	.4	31	32			
92/ 91									2.8	2.4	1.6	.4	.4	.8	.4	1.2	24	24			
90/ 89								1.6	2.8	.8	.4	.8	.4	.4	.4		17	17			
88/ 87						.8	2.0	.8	.8	.4	.4	.4	.4	.4	.4		11	11			
86/ 85						.4	1.2	.4	.4	.4	.4	.4	.4	.4	.4		5	5			
84/ 83						.4	.4	.4	.4	.4	.4	.4	.4	.4	.4		2	2			
82/ 81					.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4		1	1			
80/ 79																			2		
78/ 77																			11		
76/ 75																			55		
74/ 73																			75	2	
72/ 71																			43	4	
70/ 69																			20	18	
68/ 67																			16	28	
66/ 65																			7	34	
64/ 63																			9	38	
62/ 61																			4	19	
60/ 59																			1	28	
58/ 57																			3	11	
56/ 55																				6	
54/ 53																				16	
52/ 51																				8	
50/ 49																				5	
48/ 47																				10	
46/ 45																				5	
44/ 43																				4	
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26.5 (OLA) JUL 64

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JUL
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

JUL

STATION

STATION NAME

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MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
116/115																	.7	2	2					
114/113																	2.2	6	6					
112/111																	5.5	15	15					
110/109																	9.1	25	25					
108/107																1.1	8.0	25	25					
106/105														.7	3.6	4.0	8.0	45	45					
104/103												.4	2.5	3.3	4.4	5.5	44	44						
102/101												.7	1.5	5.1	3.6	2.5	44	46						
100/ 99											.4	.7	4.0	2.9	.7	1.1	2.2	33	34					
98/ 97										.4	.7	.7	1.8	.7	.7		.4	15	15					
96/ 95									.4	.7	.7	1.1	.4		.4			8	6					
94/ 93									.7	.7	.4							5	5					
92/ 91							.4		.7	.4								4	4					
90/ 89											.7							2	2					
88/ 87										.4								1	1					
86/ 85							.4											1	1					
82/ 81																				1				
80/ 79																				10				
78/ 77																				41				
76/ 75																				71		1		
74/ 73																				79		3		
72/ 71																				34		4		
70/ 69																				4		12		
68/ 67																				20		21		
66/ 65																				10		37		
64/ 63																				2		41		
62/ 61																				2		45		
60/ 59																				1		24		
58/ 57																						15		
56/ 55																						17		
54/ 53																						9		
52/ 51																						13		
50/ 49																						9		
48/ 47																						6		
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

JUL
MONTH

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

70, 73-75

YEARS

JUL
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
118/117																	.8	1	1						
116/115																	.8	1	1						
114/113																	7.5	9	9						
112/111																	12.5	15	15						
110/109																	8.3	10	10						
108/107																1.7	9.2	13	14						
106/105													.8	1.7	2.5	6.7	3.3	18	18						
104/103													.8	6.7	7.5	6.7		26	27						
102/101												.8	1.7	2.5	.8	3.3	.8	12	12						
100/ 99												1.7			1.7			4	4						
98/ 97											.8	.8						2	2						
96/ 95									.8		1.7	.8						3	3						
92/ 91										1.7		.8						3	3						
86/ 85									1.7									2	2						
84/ 83																								1	
80/ 79																								7	
79/ 77					.8													1	1				16		
76/ 75																							36		
74/ 73																							32		3
72/ 71																							15		4
70/ 69																							4		2
68/ 67																							5		17
66/ 65																							2		16
64/ 63																									16
62/ 61																							2		17
60/ 59																									14
58/ 57																									12
56/ 55																									4
54/ 53																									2
50/ 49																									2
48/ 47																									6
46/ 45																									1
44/ 43																									1
42/ 41																									1
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) 101 64 REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

1500-1700
HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70,73-75
YEARS

JUL
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL																			
114/113																	1.4	1	1																		
112/111																	8.1	6	6																		
110/109																	6.8	5	5																		
108/107																	6.8	5	5																		
106/105													2.7	1.4	4.1	2.7	5.4	12	12																		
104/103													1.4	1.4	1.4	2.7		5	5																		
102/101															8.1		2.7	8	8																		
100/ 99														2.7	4.1	1.4	2.7	8	8																		
98/ 97												2.7	1.4	1.4	1.4		4.1	8	8																		
96/ 95										1.4		1.4	2.7	2.7	1.4	2.7		9	9																		
94/ 93											1.4			1.4		1.4		3	3																		
90/ 89							1.4				1.4							2	2																		
88/ 87								1.4										1	1																		
82/ 81						1.4												1	1	3																	
80/ 79																				1																	
78/ 77																				9																	
76/ 75																				13																	
74/ 73																				19	3																
72/ 71																				12	1																
70/ 69																				5	2																
68/ 67																				6	3																
66/ 65																				5	8																
64/ 63																				7	9																
62/ 61																					9																
60/ 59																					4																
58/ 57																					9																
56/ 55																					3																
54/ 53																					6																
52/ 51																					5																
50/ 49																					4																
48/ 47																					4																
46/ 45																					3																
42/ 41																					1																
Element (X)	Σ X ²					Σ X					X					e _x					No. Obs.					Mean No. of Hours with Temperature											
Rel. Hum.																										≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total											
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

PSYCHROMETRIC SUMMARY

69-70, 73-75

JUL
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
104/103																	7.7	2	2				
102/101															3.8			1	1				
100/ 99																3.8	7.7	3	3				
98/ 97													3.8	3.8				2	2				
96/ 95												3.8					3.8	2	2				
94/ 93												7.7	3.8	3.8				4	4				
92/ 91											7.7	3.8	3.8	3.8	3.8			6	6				
90/ 89									3.8	7.7								3	3				
88/ 87									3.8									2	2				
86/ 85													3.8					1	1				
76/ 75																					3		
74/ 73																					3		
72/ 71																					8		
70/ 69																					3		
68/ 67																					2		
66/ 65																					2		
64/ 63																					4		
62/ 61																					1		
60/ 59																							
58/ 57																							
56/ 55																							
52/ 51																							
50/ 49																							
48/ 47																							
46/ 45																							
44/ 43																							
TOTAL										3.8	11.5	7.7	15.4	19.2	11.5	7.7	3.8	19.2		26		26	
																			26		26		

PSYCHROMETRIC SUMMARY

YEARS

AUG

0600-0800
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
98/ 97													.5					2	2					
96/ 95													.8	.3				4	4					
94/ 93										.5		.5	.3					8	8					
92/ 91								.3	.3	1.1	1.1	1.4	.5					18	18					
90/ 89							.5	.5	2.2	1.6	1.1	1.4	1.4					32	32					
88/ 87						1.1	1.1	2.5	1.9	1.9	2.2	.5	.3	.3				43	43					
86/ 85			.3	.3	1.6	1.9	3.8	2.2	2.5	1.6	.8	.5	.5					58	58					
84/ 83			.3	1.6	1.9	2.2	3.0	2.7	.8	1.1	1.1	.3	.3	.3				56	56					
82/ 81		.3	1.1	1.1	1.6	2.2	.5	1.4	1.4		.5	.3	.3	.3				40	40	1				
80/ 79		1.6	.5	1.1	1.4	1.1	2.5	1.4	2.2		.8	.3	.3					47	47	3				
78/ 77		.8	.8	.5	1.1	.5	1.1	.8	.3	.5	.3	.3						26	26	12				
76/ 75		.3		.3	1.4	.5	.5	.8		.8	1.1	.3						22	22	38				
74/ 73				.3	.3			.3		.3	.5							6	6	51				
72/ 71								.5			.3							3	3	62				
70/ 69									.3									1	1	49				
68/ 67							.3											1	1	41				
66/ 65																				37				
64/ 63																				23				
62/ 61																				16				
60/ 59																				8				
58/ 57																				7				
56/ 55																				9				
54/ 53																				7				
52/ 51																				2				
50/ 49																				1				
48/ 47																								
46/ 45																				4				
44/ 43																				5				
42/ 41																				5				
40/ 39																				3				
38/ 37																				2				
36/ 35																				2				
34/ 33																				1				
32/ 31																				1				
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Ref. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

0-26.5 (Q1 A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

03148	GILA BEND AAF ARIZONA
STATION	STATION NAME

69-70, 72-75

YEARS

AUG
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

AUG
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
106/105															.4		.4	2	2					
104/103														.4	1.5	.4	.4	7	7					
102/101												.7		.7	1.1	1.1	.4	11	11					
100/ 99							.4					1.1	2.9	1.8	.4	2.2		24	24					
98/ 97							.7		.4	.7	2.2	3.7	2.2	1.5	.7	1.1	36	36						
96/ 95					.4	.4	1.1	.7	3.7	3.3	3.3	1.8	1.5	1.0	.7	51	51							
94/ 93				.4	.4	2.9	2.2	2.6	2.6	1.8	.7	.7			1.5	43	43							
92/ 91				.7	1.8	2.6	2.2	3.7	1.8	.7	.7	.4			.4	41	41							
90/ 89			.4	.7	2.2	1.8	2.2	1.1		1.5	.4	.4				29	29							
88/ 87				.4	.7	1.1	.7	.4		.4						10	10							
86/ 85				.4	1.5	.7	.4		.4		.4	.4	.7			12	12	1						
84/ 83				.4			.4				.4		.4			4	4	4	1					
82/ 81			.4								.4					2	2	6	2					
80/ 79																		11	4					
78/ 77																		25	4					
76/ 75																		57	2					
74/ 73																		56	11					
72/ 71																		46	15					
70/ 69																		24	29					
68/ 67																		10	26					
66/ 65																		11	27					
64/ 63																		9	37					
62/ 61																		4	27					
60/ 59																		4	19					
58/ 57																		3	15					
56/ 55																		1	14					
54/ 53																				8				
52/ 51																				7				
50/ 49																				2				
48/ 47																				4				
46/ 45																				6				
44/ 43																				5				
42/ 41																				1				
40/ 39																				3				
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature							Total											
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

03148	GILA BEND AAF ARIZONA
STATION	STATION NAME

69-70, 72-73

AUG
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

09-70, 72-75
YEARS

AUG
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
118/117																	.3	1	1	
116/115																	1.0	3	3	
114/113																	1.0	3	3	
112/111																	.3	3	3	
110/109														.3		2.0	3.6	18	18	
108/107													1.0	.3	1.3	.7	5.6	27	27	
106/105											.3			.3	2.6	4.0	4.3	35	35	
104/103										.3	1.0	.3	1.7	2.0	4.3	4.0	6.3	60	60	
102/101							.7	.3		.3		1.3	3.0	3.6	3.3	3.6	4.0	61	61	
100/99							.3	.7	.3	.3	2.3	1.3	2.0	2.3	3.0	1.3	2.3	49	49	
98/97									1.0		1.3	2.0	1.0	1.7			1.3	25	25	
96/95											.7	.7	1.0	1.0				10	10	
94/93								.7	.3			.3						4	4	
92/91											.3							3	3	1
90/89																				1
88/87																				2
86/85																				5
84/83																				12
82/81																				14
80/79																				27
78/77																				45
76/75																				61
74/73																				41
72/71																				36
70/69																				25
68/67																				13
66/65																				11
64/63																				6
62/61																				2
60/59																				
58/57																				
56/55																				
54/53																				
52/51																				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature						Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

YEARS

 AUG
MONTH

1500-1700
HOURS (L. S. T.)

FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

<u>03148</u>	<u>GILA BEND AAF ARIZONA</u>
STATION	STATION NAME

69-70, 72-75

AUG

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
46 / 45																					3		
42 / 41																					6		
TOTAL				.6	.6	.6			1.3		1.9	3.2	8.3	7.0	12.1	11.5	52.9		157		157		
																		157		157			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

YEARS

AUG
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
114/113																	1.1	1	1					
112/111																	2.2	2	2					
110/109														1.1			1.1	2	2					
108/107																1.1	1.1	2	2					
106/105														1.1	1.1		2.2	4	4					
104/103													1.1	1.1	1.1	1.1	2.2	6	6					
102/101														1.1	4.5	1.1	3.4	9	9					
100/ 99											1.1	3.4		2.2	2.2		3.4	11	11					
98/ 97							1.1		1.1		3.4	3.4	1.1	3.4	1.1	1.1	7.9	21	21					
96/ 95					1.1					1.1	1.1		3.4	2.2		1.1	1.1	10	10					
94/ 93									2.2		2.2	2.2	2.2		3.4	1.1	3.4	15	15					
92/ 91								1.1				1.1			1.1		1.1	4	4					
88/ 87					1.1													1	1	2				
86/ 85																					1			
84/ 83						1.1												1	1	1	1			
82/ 81																				1				
80/ 79																				8				
78/ 77																				13	1			
76/ 75																				8	2			
74/ 73																				14	3			
72/ 71																				13	5			
70/ 69																				8	7			
68/ 67																				4	3			
66/ 65																				6	5			
64/ 63																				5	5			
62/ 61																				4	12			
60/ 59																				2	14			
58/ 57																						4		
56/ 55																						3		
54/ 53																						4		
52/ 51																				1	5			
50/ 49																						2		
48/ 47																						1		
46/ 45																						4		
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

03148	GILA BEND AAF ARIZONA
STATION	STATION NAME

69-70, 72-75

YEARS

AUG

MONTH

PAGE 2

1800-2000

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

72-75

YEARS

AUG
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

68-70, 72-74

SEE

PAGE 2 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
24/ 23																					1	
22/ 21																					1	
12/ 11																					1	
TOTAL		1.2	1.2	2.4	5.0	10.3	15.3	14.2	16.8	11.5	8.8	8.3	3.2	1.5	.3			339	339	339	339	
</																						

PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
108/107																	.3	1	1															
106/105																	.3	1	1															
104/103																	.3	2	2															
102/101																.7	.7	1.3	8	8														
100/ 99													.7	1.3	1.0	1.0		12	12															
98/ 97										.3		.7	.7	.7	.3	1.0	.3	12	12															
96/ 95									.3	1.0	1.3			.7	2.3	.7	2.3	26	26															
94/ 93								.7	.3	1.3	1.0	1.6	.7	.3	1.3	1.0	1.6	30	30															
92/ 91								.3	1.3	.7	.3	1.3	.7	.3	1.6	1.0		23	23															
90/ 89								.3	1.0	.7	.3	.7	2.0	1.6	1.3	.7	.7	25	28															
88/ 87								.7	1.6	.3	1.3	2.6		1.3	1.3	2.3	1.0	38	38															
86/ 85								1.3	1.0	.7	1.6	1.0	1.3	2.3	1.3	1.0	.3	36	36															
84/ 83					.3			1.0	.3	.7	.7	.7	1.6	.7	.3	.3		23	23															
82/ 81			.3					.3	1.0	1.0	.7	.7	1.0	1.6	.3			21	21															
80/ 79			.3				.3	.3	1.3	.3	.3	1.6	.3	1.3	.7			21	21		3													
78/ 77			.3					.3		.3	1.0	.7	2.0	.3				15	15		10													
76/ 75					.3					.7	.3	.7						6	6		24													
74/ 73									.3	.3		.3						3	3		26													
72/ 71										.3								1	1		24													
70/ 69																					31													
68/ 67																					32													
66/ 65																					29													
64/ 63																					30													
62/ 61																					29													
60/ 59																					33													
58/ 57																					17													
56/ 55																					12													
54/ 53																					0													
52/ 51																					1													
50/ 49																																		
48/ 47																																		
46/ 45																																		
44/ 43																																		
42/ 41																																		
Element (X)	Σx ²		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																							
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total											
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

PSYCHROMETRIC SUMMARY :

YEARS

SEP
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION TION NAME

68-70, 72-74

SEP

STATION

NAME

YEARS

MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
110/ 109																	3.0	9	9			
108/ 107																.3	4.0	13	13			
106/ 105												.3		.3	.7	1.3	4.3	21	22			
104/ 103											.3	.3	.3	.7	1.7	1.0	4.0	24	25			
102/ 101										.3	.7	.7	.7	.7	.7	.3	6.0	28	28			
100/ 99									.3	1.0	.7	.3	.3				9.0	35	35			
98/ 97								.3	.3	2.3	1.0	.7	1.3	1.3	1.3	3.7	33	33				
96/ 95								1.0	.7	.7	2.0	1.0	.7	1.7	3.7	34	34					
94/ 93								.7	1.0		1.0	.7	.7	3.0	.7	3.3	33	33				
92/ 91							.3	.3	.7	1.3	2.0	1.0	1.0	.7	1.3	1.3	30	30				
90/ 89							.3	.7	.3	.7	1.0	.3		.7	.7	1.0	15	15				
88/ 87								.7	.3	.3	.7	1.0	.3	.3	.7	.3	12	12				
86/ 85				.3				.3	.3	.3	.3	.7	.3	.3		.3	10	10				
84/ 83			.3	.3				.3			.3						4	4		1		
82/ 81																				2		
80/ 79																				14		
78/ 77																				22	2	
76/ 75																				31	2	
74/ 73																				25	6	
72/ 71																				32	9	
70/ 69																				27	13	
68/ 67																				34	10	
66/ 65																				42	13	
64/ 63																				30	24	
62/ 61																				22	15	
60/ 59																				11	15	
58/ 57																				5	17	
56/ 55																				3	10	
54/ 53																					14	
52/ 51																					20	
50/ 49																					16	
48/ 47																					19	
46/ 45																					15	
44/ 43																					16	
Element (X)	Σ X ²	Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.										≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

SLP
MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

68-70, 72-74

SEP
MONTH

PAGE: 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
112/111																		2.9	3	3				
110/109																		1.0	1	1				
108/107																		5.7	6	6				
106/105												1.0				1.0		1.9	4	4				
104/103														4.8				6.7	12	12				
102/101													1.9	1.9	1.9			9.5	16	16				
100/ 99													1.9		1.9			5.7	10	10				
98/ 97											1.0	1.0	1.0		1.0			3.8	8	8				
96/ 95												2.9	3.8	3.8	3.8			4.8	20	20				
94/ 93											1.9		1.0	1.0	1.0	1.9		2.9	10	10				
92/ 91									1.0			1.0	1.9		2.9	1.0	1.0		9	9				
90/ 89										1.0			1.0			1.0			3	3				
88/ 87										1.0			1.0	1.0					3	3				
84/ 83																					1			
80/ 79																					2			
78/ 77																					10			
76/ 75																					7			
74/ 73																					9			
72/ 71																					7			
70/ 69																					11			
68/ 67																					9			
66/ 65																					14			
64/ 63																					19			
62/ 61																					7			
60/ 59																					6			
58/ 57																					3			
56/ 55																								
54/ 53																								
52/ 51																								
50/ 49																								
48/ 47																								
46/ 45																								
44/ 43																								
42/ 41																								
Element (X)	Σx^2		Σx		\bar{x}		s_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

15035

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68-70, 72-74

YEARS

OCT
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
84/ 83						.3												1	1			
80/ 79						.6		.3										3	3			
78/ 77							.9						.3					4	4			
76/ 75				.3		.3		.9	.3		.6							8	8			
74/ 73			.9	.6	.3		.9	.6	.3	.6	.3							15	16	1		
72/ 71		.6	.9	.9	.9	.6	1.2	.9	.9	.9	.3	.6						23	23	2		
70/ 69		1.2	1.2	.9	.6	.6	1.2	.9		.9	.3	.3						27	28	11	6	
68/ 67		.3		1.5		.6	1.5	.9	.6	.9	.3							22	23	7	7	
66/ 65		.3	.6	.6	1.2	2.1	.9	.9	.3	.3								24	24	10	6	
64/ 63	.3	1.5	.3	.6	.9	.9	.9	1.2	.9	.6								27	31	12	7	
62/ 61		.3	.3	.3	1.8	.3	1.2	1.2	2.1	.3								26	27	20	5	
60/ 59		1.2	.9	3.5		2.1	1.8	1.5	.3	.3								39	43	16	12	
58/ 57		.3	1.5		.9	1.5	.3	2.6	.3									25	28	18	14	
56/ 55		.6	1.2	.3	.3	1.8	.6	.3	.6									19	21	33	10	
54/ 53		.3	.6	.3	.6	1.2	1.2	.6										16	19	35	12	
52/ 51		.9	1.8		.9	.3	1.8											19	21	19	18	
50/ 49		.3	.9	.9		2.1	1.2	.3	.3									20	22	29	30	
48/ 47		.3	.3	.6	1.2	.3	.6	.9										14	14	32	22	
46/ 45		.3		.3		.3												3	3	29	13	
44/ 43				.3	.3		.6											4	4	14	13	
42/ 41				.6														2	2	15	10	
40/ 39																				18	20	
38/ 37																				11	18	
36/ 35																				5	20	
34/ 33																				2	10	
32/ 31																				2	7	
30/ 29																					28	
28/ 27																					8	
26/ 25																					10	
24/ 23																					11	
22/ 21																					4	
20/ 19																					11	
18/ 17																					1	
16/ 15																					1	
Element (X)	Σ X ²			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature						
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

<u>03148</u>	<u>GILA BEND AAF ARIZONA</u>
STATION	STATION NAME

58-70, 72-74

**NOT
MONITOR**

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

08-70, 72-74
YEARS

UCT
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
94/ 93											.3					.3		2	2					
92/ 91											.3					.3		2	2					
90/ 89											.3	.3	.3	.3	.3		.3	6	6					
88/ 87									.3		.3	.7	.7	.3		.7		9	10					
86/ 85							.3			1.3	1.3	.7	.3	.7	.3			15	16					
84/ 83						.3			.7	.3	2.0	.7	.3	1.0				16	17					
82/ 81					.3		.3	2.0	1.3	1.3	1.0	.3	1.0	1.0				26	29					
80/ 79					1.0		1.0	.3	1.7	1.7	.7	1.0	2.0	.3	.3			30	31					
78/ 77							1.0	1.3	1.3	1.0		.7	1.0	.3				20	24					
76/ 75			.3	.3		.7	1.0	1.0	2.3		1.7	.7	.3	.3				26	29	1				
74/ 73		.3	.3	1.3	.7	.7	.3	.3	.3	1.0	1.7	2.0	.3					28	30	5				
72/ 71			.7	.3	.3		1.0	1.0	1.7	1.0	.3							17	22	5				
70/ 69		.3	.3	.3	.7	.3	.7	.3	1.0	2.0	.7	1.0						23	24	6	8			
68/ 67			.3	.3		.7		.7	1.0	.3	.7	.7						14	16	26	4			
66/ 65			.7			1.0	1.0	1.0	.3	2.0								18	20	22	5			
64/ 63			.3	.3	1.0	.7		.7	1.0	.3	1.0							16	16	32	5			
62/ 61				1.0	.7	.3	.3	.3		.7								10	10	28	14			
60/ 59				.3	.3			1.0	1.0	.3								9	9	19	14			
58/ 57				.3					.7									3	3	22	15			
56/ 55			1.0	.3		.3												5	5	32	9			
54/ 53		.3			.3	.3												3	3	33	17			
52/ 51			.3															1	1	24	20			
50/ 49					.3													1	1	13	20			
48/ 47																				11	16			
46/ 45																				11	11			
44/ 43																				6	7			
42/ 41																				3	7			
40/ 39																					20			
38/ 37																					22			
36/ 35																					21			
34/ 33																					12			
32/ 31																					14			
30/ 29																					6			
28/ 27																					7			
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DC T
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

NET
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
102/ 101																		3.3	4	4																
100/ 99																		2.5	3	3																
98/ 97												.8	1.7					4.1	8	8																
96/ 95												1.7						4.1	7	7																
94/ 93												.8	.8	.8	.8	.8	.8		6	6																
92/ 91												1.3		1.7	2.5				9	10																
90/ 89											.3	.8	3.3	1.7		.8	1.7		11	11																
88/ 87									.8			.8	1.7	.8		3.3	.8		10	10																
86/ 85							.8		.8			1.7	1.7	.8	.8	.8	1.7		11	11																
84/ 83							.8	.8			1.7		1.7	.8					7	7																
82/ 81										.8		.8		2.5	2.5				8	8																
80/ 79													1.7	1.7	.8				5	5																
78/ 77								1.7			1.7	.8	.8	2.5					9	9																
76/ 75		.8	.8								.6		.8						4	4	2															
74/ 73						.8													1	1	4															
72/ 71							1.7					.8							3	3	1															
70/ 69						.8	1.7		.8	.8									5	5	1															
68/ 67						.8													1	1	2															
66/ 65					1.7	.8				.3									4	4	4															
64/ 63		.8	.8	.8			.8	.8											5	5	3															
62/ 61																					14															
60/ 59																					16															
58/ 57																					15															
56/ 55																					10															
54/ 53																					10															
52/ 51																					6															
50/ 49																					1															
48/ 47																					1															
46/ 45																					6															
44/ 43																					7															
42/ 41																					3															
40/ 39																					6															
38/ 37																					8															
36/ 35																					6															
Element (X)	$\Sigma X'$		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.											≤ 0 F		≤ 32 F		~ 67 F		≈ 73 F		≈ 80 F		≈ 93 F		Total													
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

0-26.5 (OLA)

USAFETAC FCRA 0-26-5 (OLA)

PSYCHROMETRIC SUMMARY

58-70, 72-74

YEARS

OCT
 MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp (°F)	WET BULB TEMPERATURE DEPRESSION (°F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. - W.B.	Dry Bulb - Wet Bulb	Dew Point			
34/ 33																				5			
32/ 31																				4			
30/ 29																				9			
28/ 27																				5			
26/ 25																				4			
24/ 23																				1			
22/ 21																				2			
TOTAL	1.7	1.7	.0	1.7	3.3	5.8	3.3	2.5	2.3	5.0	10.7	15.7	13.2	7.4	5.8	19.0		124	121	121			
																		121	121				

0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

YEARS

41 T

MONTH

0-26-5 (OLA) REVISED PER XLS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OLA)

PSYCHROMETRIC SUMMARY

68-70, 72-74

YEARS

167
MONTH

PAGE 4

1800-2000
HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point	
28/ 27																								4
25/ 25																								3
24/ 23																								4
22/ 21																								2
18/ 17																								1
TOTAL		1.2	4.7	2.4	4.7	3.5	3.5	8.2	7.1	7.1	12.9	12.9	12.9	4.7	8.4	4.7	1.2				85	94		85

Element (X)	Σ x'	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature							
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 86 F	Total	
Rel. Hum.	135259	2977	35.2	19.209	85								
Dry Bulb	578822	7330	78.0	8.822	94			81.1	70.2	43.5	4.0		93
Wet Bulb	304409	5049	59.4	7.318	85			18.6	2.2				93
Dew Point	185878	3808	44.8	13.568	85		20.8	2.2					93

PSYCHROMETRIC SUMMARY

68,73-74

OCT
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
74/ 73									50.0			50.0						2	2					
70/ 69																			1					
53/ 57																				1				
52/ 51																				1				
46/ 45																					1			
30/ 29																					1			
TOTAL									50.0			50.0						2	3	2	2			

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A)
X1 64

PSYCHROMETRIC SUMMARY

72

YEARS

NOV
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0600-0,00
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

68-74

NOV
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																				
80/ 79					.3																										1	1								
78/ 77												.7	.3																		3	3								
76/ 75												.7	1.0																		5	7								
74/ 73												.7	.7																		7	9								
72/ 71							.7	.3	.7	.7	.7	.3																			10	12	1							
70/ 69				.3			.3	1.0	.3	1.4	1.7																				15	21								
68/ 67		.3		.3		1.0	.3		.7	1.7	.7																				15	19	1	2						
66/ 65		.3	1.0	.3	.3	.7	1.4	1.0	.7	.7	.3																				20	25								
64/ 63		.7	.3	.3	.7	.7	2.4	.3	2.4	1.0	.3																				27	33	2							
62/ 61		.3		1.0	.7	1.4	2.4	2.1	1.4		.3																				28	37	7	1						
60/ 59		1.0	1.0	1.4	1.4	1.7	1.7	1.7	1.0	.3																					33	36	4	7						
58/ 57		.3		1.0	1.4	1.4	1.7	1.4	.3	.3																					23	34	13	4						
56/ 55		.3	1.4	1.0	1.7	2.1	1.4	1.0	.3																						27	31	29	3						
54/ 53				1.0	2.1	.7	.3	.3																							13	16	23	5						
52/ 51			.3	.7	3.9	.3	2.1	.3																							21	22	29	9						
50/ 49		.3	1.4	1.4	1.4	1.4		.3																							18	20	38	11						
48/ 47			.3	2.1	1.4	.3																									12	12	39	9						
46/ 45	.3	.3	1.0	.3																												6	7	37	14					
44/ 43																																		27	17					
42/ 41			.3		.3																											2	2	20	19					
40/ 39																																		14	27					
38/ 37																																	1	29						
36/ 35																																		1	30					
34/ 33																																			14					
32/ 31																																			16					
30/ 29																																			15					
28/ 27																																			24					
26/ 25																																			15					
24/ 23																																			7					
22/ 21																																			1					
20/ 19																																			1					
18/ 17																																			3					
16/ 15																																			3					
Element (X)	ΣX^2					ΣX					\bar{X}					σ_X					No. Obs.					Mean No. of Hours with Temperature														
Rel. Hum.																										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

PSYCHROMETRIC SUMMARY

03148	GILA BEND AAF ARIZONA
STATION	STATION NAME

Q8-74

NGJV
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

NOV
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

Q8-74

YEARS

NUV
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68-74
YEARS

JUN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
90/ 89																.0	.0	2		2																	
88/ 87															.0		1.2	3		3																	
86/ 85													.6	1.8	.0		.0	6		6																	
84/ 83										.6			1.2	.0	1.8			7		7																	
82/ 81				.6					.6			1.2	1.2	1.2				8		8																	
80/ 79								.6			1.2	1.2	3.0	2.4				14		15																	
78/ 77				.6					.6	.6	1.8	2.4	1.2	3.0	.6			18		18																	
76/ 75				1.2						1.2	1.8	1.2	.6	3.0	.0			16		17	1																
74/ 73				.6	.6						1.2	2.4	3.0	1.2	1.8			18		19																	
72/ 71		.0		.0	.0			1.8	.0	2.4	2.4	.0						16		16	1	1															
70/ 69						1.2		3.7	2.4	1.2	3.0	1.2						21		21	4	1															
68/ 67			.0						1.2	.0	1.8	.0						8		9		1															
66/ 65							1.2	.6	1.8	1.2	.0							9		9	4	3															
64/ 63			.6			1.2	.6	2.4	.6		.6							10		11	5																
62/ 61						.6	.6	.6		.6								3		4	5	3															
60/ 59							.6		.6									2		3	17	1															
58/ 57					1.2				.6									3		3	23	1															
56/ 55																					27	2															
54/ 53																					26	1															
52/ 51																					20	2															
50/ 49																					16	3															
48/ 47																					10	8															
46/ 45																					3	10															
44/ 43																					2	9															
42/ 41																						12															
40/ 39																						10															
38/ 37																						12															
36/ 35																						18															
34/ 33																						7															
32/ 31																						5															
30/ 29																						13															
28/ 27																						10															
26/ 25																						9															
24/ 23																						6															
Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature							Total																								
Rel. Hum.						≤ 0 F	- 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2
1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

06-74

YEARS

NOV
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
22/ 21																						2													
20/ 19																						2													
18/ 17																						1													
TOTAL		1.2	3.7	2.4	3.0	2.4	7.9	12.8	11.4	16.5	9.8	11.6	10.4	3.7	2.4					171		164													
																		164		164															

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	198044	5086	31.0	15.727	164							
Dry Bulb	930781	12559	73.4	7.026	171			74.2	50.0	17.9		90
Wet Bulb	503352	9642	55.1	5.443	164			5.3	.5			90
Dew Point	262923	6337	38.6	10.526	164		26.3	1.6				90

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
52/ 81															1.1			1	1																		
80/ 79												1.1						1	1																		
76/ 75											2.1		2.1					4	4																		
74/ 73								1.1	1.1	1.1		1.1	1.1					5	5																		
72/ 71								1.1		2.1		1.1	1.1					5	5																		
70/ 69				2.1				1.1	3.2	1.1	3.2	1.1						11	11																		
68/ 67		1.1				2.1		2.1	2.1	2.1	2.1	1.1						12	13																		
66/ 65							1.1	1.1	3.2	2.1								7	8	1	1																
64/ 63			1.1	2.1		2.1	1.1	1.1	3.2		1.1							11	11	2																	
62/ 61							1.1	3.2	2.1		1.1							7	8																		
60/ 59			1.1		1.1	5.3	2.1	3.2	1.1	2.1								15	16	3	2																
58/ 57			1.1			2.1		2.1	1.1									6	8	6	1																
56/ 55		1.1	1.1				1.1	1.1	2.1									6	8	6	1																
54/ 53							2.1											2	3	14	2																
52/ 51							1.1	1.1										2	2	10	2																
50/ 49																				19	3																
48/ 47																				13	3																
46/ 45																				3	4																
44/ 42																				8	1																
42/ 41																				4	8																
40/ 39																				1	10																
38/ 37																					2																
36/ 35																					12																
34/ 33																					3																
32/ 31																					9																
30/ 29																					7																
28/ 27																					8																
26/ 25																					9																
24/ 23																					2																
22/ 21																					1																
18/ 17																					1																
16/ 15																					1																
14/ 13																					1																
12/ 11																					1																
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≤ 73 F	≥ 80 F	≤ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

PSYCHROMETRIC SUMMARY

<u>03148</u>	<u>GILA BEND AAF ARIZONA</u>
STATION	STATION NAME

68-74

YEARS

$$\frac{\text{NGV}}{\text{MONTH}}$$

PAGE 2

1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

NOV
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

03148	GILA BEND AAF ARIZONA
STATION	STATION NAME

72

YEARS

DEC
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

08-74

DEC
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

DEC
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69									.3		.3							2	2		
68/ 67									.3									1	1		
64/ 63							.3	.9		.3								5	5		
62/ 61				.6	.3	.6	.6	.9	.3	.9								11	11		
60/ 59			1.5	.9		.9	1.5	.6	.3	.9								22	23		
58/ 57		.3	1.2	.9	2.1	1.5	1.5	1.2										29	31	2	
56/ 55		.3	.9	.6	.6	1.5	1.2	.3	.3									19	21	8	
54/ 53		1.3	1.2	.9	1.2	3.1	1.2	.6										32	33	11	7
52/ 51		.6	.9	1.5	3.1	3.7	.9	.6										37	38	18	7
50/ 49		1.2	1.2	1.5	2.1	1.5	.3											26	27	23	9
48/ 47		1.8	1.2	2.5	2.5	2.5	.3											35	35	27	11
46/ 45		.6	2.1	3.1	3.4	.6	.3											33	34	41	14
44/ 43	.3	.6	1.3	1.3	1.8		.3											20	20	36	13
42/ 41	.3	.6	.6	1.3	.9	.6	.3											16	16	41	18
40/ 39			2.1	1.5														12	12	43	23
38/ 37		.9	1.8	.3	.3													11	11	23	12
36/ 35		1.5	.6	.3														8	8	21	26
34/ 33		.3	.3	.6														4	4	19	34
32/ 31		.3		.3														2	2	7	29
30/ 29			.3															1	1	3	39
28/ 27																				2	30
26/ 25																				1	13
24/ 23																					13
22/ 21																					9
20/ 19																					6
18/ 17																					5
16/ 15																					3
14/ 13																					2
10/ 9																					2
8/ 7																					1
TOTAL		.6	10.7	17.8	18.7	18.4	16.6	8.9	5.2	1.5	1.2	.3							326	335	326
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	1184610	18728	57.4	18.291	326	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	852620	16720	49.9	7.365	335		.8	.8				93									
Wet Bulb	609574	13953	42.8	6.172	326		3.7					93									
Dew Point	404686	11110	34.1	8.955	326		43.4					93									

PSYCHROMETRIC SUMMARY

DEC
MONTH

HOURS (L E T)

USAFETAC

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
78/ 77														.6				1	1			
76/ 75										.6		1.2		.6				4	5			
74/ 73				.6						.6		3.7	.6					9	10			
72/ 71				.6					1.2	1.2	3.7							11	12			
70/ 69			.6		.6		.6	1.2	.6	3.1	2.5	1.2	1.2	.6				20	20			
68/ 67				.6			2.5	2.5	.6	1.2	4.3	1.8						22	22	1		
66/ 65			.6				.6	1.2	6.1	1.8		1.2						19	19	2	1	
64/ 63				.6	.6	2.5	1.2	1.2	1.2	1.8	.6							15	16	1	1	
62/ 61			1.8			1.8	.6	1.8	3.7	1.2								18	18	2	1	
60/ 59			1.8					1.2	.6	.6								7	7	1	1	
58/ 57				.6	1.2	1.2	1.2											7	7	8	2	
56/ 55		.6		.6		1.8				.6								6	6	13	4	
54/ 53					.6	1.8	2.5		.6									9	9	21	4	
52/ 51					2.5	1.2	1.2	.6										9	9	26		
50/ 49																				20	1	
48/ 47		.6			1.2	.6												4	4	20	2	
46/ 45					.6													1	1	24	9	
44/ 43																				10	13	
42/ 41																				8	5	
40/ 39																				2	7	
38/ 37																				4	10	
36/ 35																					15	
34/ 33																					19	
32/ 31																					15	
30/ 29																					12	
28/ 27																					17	
26/ 25																					7	
24/ 23																					4	
22/ 21																					2	
20/ 19																					6	
18/ 17																					1	
16/ 15																					2	
10/ 9																					2	
Element (X)	Σx^2		Σy		\bar{x}		s_x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

DEC

YEARS

MONTH

1500-1700

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

68-74

YFARS

D.F.C
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74

YEARS

DEC
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03148 GILA BEND AAF ARIZONA

68-75

STATION		STATION NAME												YEARS	
HRS (LST)		JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
03-05	MEAN					69.0		85.0				57.0	37.5	65.1	
	S D													22.431	
	TOTAL OBS					1		3				1	2	7	
06-08	MEAN	40.9	45.5	50.7	57.7	69.5	78.5	85.9	83.6	75.1	61.2	48.6	40.3	61.2	
	S D	7.706	6.818	6.604	7.916	8.459	7.088	5.125	5.162	7.424	8.343	6.446	6.704	17.304	
	TOTAL OBS	344	325	374	347	364	359	311	367	339	365	396	365	4256	
09-11	MEAN	49.9	56.5	62.9	71.1	83.8	91.9	96.0	94.1	88.3	74.1	60.1	49.9	72.3	
	S D	7.426	6.994	8.485	8.538	7.880	6.790	4.962	4.523	6.922	8.586	7.587	7.365	17.898	
	TOTAL OBS	320	304	345	309	325	317	249	272	307	326	347	335	3756	
12-14	MEAN	62.9	68.2	72.0	79.8	92.1	100.0	103.5	102.6	97.4	84.2	72.3	61.7	82.6	
	S D	6.402	6.749	10.163	9.204	7.645	7.282	5.065	5.048	6.194	8.616	7.383	6.491	16.547	
	TOTAL OBS	295	304	354	328	313	299	278	303	303	330	340	326	3773	
15-17	MEAN	65.3	71.1	75.2	81.8	94.6	104.0	105.3	104.7	98.6	85.0	73.4	64.1	84.2	
	S D	6.738	6.418	10.312	9.847	7.352	7.667	6.178	4.497	5.646	10.002	7.026	6.996	16.892	
	TOTAL OBS	166	137	162	132	168	143	122	157	105	124	171	166	1753	
18-20	MEAN	59.8	65.5	68.9	74.2	88.8	95.0	101.7	97.9	92.1	78.0	64.0	57.2	77.6	
	S D	5.913	6.565	9.417	7.517	6.269	6.658	6.415	7.083	7.338	8.822	6.441	6.447	16.514	
	TOTAL OBS	91	112	90	118	96	111	74	90	73	94	104	106	1159	
21-23	MEAN	55.6	58.1	65.2	69.6	81.0	91.1	94.2	93.0	77.0	72.0	61.0	49.8	79.4	
	S D	1.817	4.300	6.900	5.891	4.809	6.143	4.915	4.160				4.662	15.308	
	TOTAL OBS	5	11	12	25	25	29	26	27	1	3	1	10	178	
	MEAN														
	S D														
	TOTAL OBS														
ALL HOURS	MEAN	53.4	59.0	63.8	71.0	83.3	91.6	96.4	94.7	88.0	74.4	61.8	52.5	73.6	
	S D	11.873	11.800	12.681	12.455	12.303	11.577	9.206	9.593	11.479	12.807	12.102	11.414	19.325	
	TOTAL OBS	1221	1193	1337	1262	1292	1258	1063	1216	1128	1242	1360	1310	14882	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03148 GILA BEND AAF ARIZONA

68-75

STATION	STATION NAME	YEARS
HRS (LST)		
03-05	MEAN S D TOTAL OBS	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL
06-08	MEAN S D TOTAL OBS	
09-11	MEAN S D TOTAL OBS	
12-14	MEAN S D TOTAL OBS	
15-17	MEAN S D TOTAL OBS	
18-20	MEAN S D TOTAL OBS	
21-23	MEAN S D TOTAL OBS	
	MEAN S D TOTAL OBS	
ALL HOURS	MEAN S D TOTAL OBS	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03148 GILA BEND AAF ARIZONA

68-75

STATION		STATION NAME												YEARS													
HRS (LST)		JAN.		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
03-05	MEAN									32.0					52.0								43.0		27.5		40.9
	S D																										12.158
	TOTAL OBS									1					3								1		2		7
06-08	MEAN		29.4	28.3	33.1	31.3	35.4	42.9	58.6	60.6	49.6	42.5	34.0	30.3									34.0	30.3		39.6	
	S D	10.838	11.725	9.182	7.943	8.829	9.855	9.894	9.461	12.147	13.571	9.646	8.302	14.820									9.646	8.302		14.820	
	TOTAL OBS	344	323	355	341	364	356	310	367	339	341	335	356	4131									335	356		4131	
09-11	MEAN		32.1	32.0	35.4	34.2	38.5	45.1	60.1	62.7	52.6	45.3	38.0	34.1									38.0	34.1		41.9	
	S D	10.841	11.327	9.151	7.892	8.010	8.848	8.192	8.649	10.943	12.443	9.664	8.955	13.900									9.664	8.955		13.900	
	TOTAL OBS	320	304	324	303	325	314	246	272	307	302	286	326	3629									286	326		3629	
12-14	MEAN		34.3	33.5	36.0	34.7	38.6	45.3	60.0	62.8	53.1	45.3	39.5	37.2									39.5	37.2		43.1	
	S D	12.398	12.392	9.062	7.615	8.257	8.308	7.369	8.394	11.525	12.141	10.446	10.524	13.898									10.446	10.524		13.898	
	TOTAL OBS	293	304	335	322	313	296	275	302	301	308	284	320	3653									284	320		3653	
15-17	MEAN		33.5	34.3	37.0	32.2	36.7	43.1	61.1	61.1	51.7	44.6	38.6	35.3									38.6	35.3		41.9	
	S D	11.646	12.244	9.385	8.062	8.665	7.722	7.120	8.587	11.808	12.499	10.526	10.195	13.908									10.526	10.195		13.908	
	TOTAL OBS	164	137	153	132	168	142	120	157	105	121	164	163	1726									164	163		1726	
18-20	MEAN		34.2	32.7	31.3	32.7	44.8	42.3	58.8	60.4	49.0	44.8	36.0	35.0									36.0	35.0		40.1	
	S D	10.799	13.286	9.648	7.860	8.092	7.967	7.406	9.872	12.621	13.566	10.274	9.373	13.854									10.274	9.373		13.854	
	TOTAL OBS	89	112	90	118	96	108	74	89	71	85	95	104	1131									95	104		1131	
21-23	MEAN		38.8	31.5	29.8	28.7	36.3	43.1	57.2	55.1	31.0	37.0	28.0	34.2									28.0	34.2		41.3	
	S D	7.563	11.501	7.849	7.902	7.684	7.950	7.244	10.106					13.572										9.508		13.572	
	TOTAL OBS	5	11	12	28	25	29	26	27	1	2	1	10	177									1	10		177	
	MEAN																										
	S D																										
	TOTAL OBS																										
ALL HOURS	MEAN		32.2	31.7	34.8	33.1	37.1	44.0	59.6	61.5	51.5	44.3	37.2	34.0									37.2	34.0		41.4	
	S D	11.484	12.190	9.334	7.985	8.507	8.884	8.386	9.051	11.754	12.834	10.243	9.736	14.224									10.243	9.736		14.224	
	TOTAL OBS	1215	1191	1269	1244	1292	1245	1054	1214	1124	1159	1166	1281	14454									1166	1281		14454	

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-75

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	99.0	94.4	77.7	57.4	44.1	27.6	17.1	5.8	1.9	47.5	1215
FEB		99.4	79.3	53.7	38.9	26.4	18.4	9.9	4.8	2.1	39.0	1191
MAR		97.8	73.0	47.6	32.6	20.6	11.8	6.9	2.9	.7	34.9	1269
APR		94.4	54.5	28.8	14.1	7.2	3.4	1.2	.6	.1	26.0	1244
MAY		91.6	43.5	9.0	3.5	1.4	.7	.4	.2	.1	20.5	1292
JUN		89.4	32.9	13.3	4.5	1.3	.5	.1	.1		19.8	1245
JUL		99.4	82.2	44.2	14.0	5.6	2.1	.9	.3		30.6	1054
AUG		100.0	83.2	48.4	25.0	10.8	5.1	2.1	.6		33.1	1214
SEP		97.6	55.9	33.7	16.9	7.6	2.5	1.1	.6	.2	27.7	1124
OCT		99.4	71.6	51.1	29.2	19.9	12.4	7.9	4.3	.8	35.6	1159
NOV		100.0	90.1	59.8	45.6	36.6	14.8	9.5	4.4	1.9	42.8	1166
DEC		100.0	96.8	85.0	70.0	46.6	34.1	27.2	19.8	11.6	55.1	1281
TOTALS		97.3	71.5	46.0	29.3	19.0	11.1	7.0	3.7	1.6	34.4	14454

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-75
PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02											
	03-05											
	06-08	100.0	99.4	97.4	91.0	79.9	60.8	42.2	22.1	6.4	65.5	344
	09-11	99.4	98.1	92.5	73.4	50.3	32.2	19.4	9.1	3.1	53.2	320
	12-14	97.6	90.4	59.4	33.1	17.4	11.9	7.8	2.4	1.7	37.8	293
	15-17	98.2	82.9	47.0	25.0	12.2	7.3	4.3	1.2		33.5	164
	18-20	98.9	95.5	69.7	41.6	24.7	13.5	9.0			40.5	89
	21-23	100.0	100.0	100.0	80.0	80.0	40.0	20.0			54.4	5
TOTALS		99.0	94.4	77.7	57.4	44.1	27.6	17.1	5.8	1.9	47.5	1215

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148
STATION

GILA BEND AAF ARIZON.
STATION NAME

69-75
PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02											
	03-05											
	06-08	100.0	98.1	87.9	67.5	49.8	37.8	26.3	14.2	8.0	54.7	323
	09-11	99.7	91.8	66.8	46.4	30.6	19.1	13.2	9.2	3.6	43.6	304
	12-14	98.0	63.8	42.8	25.3	15.8	8.2	3.6	2.6	1.0	31.7	304
	15-17	99.3	60.6	38.7	21.9	12.4	4.4	1.5	.7		29.3	137
	18-20	99.1	70.5	40.2	35.7	22.3	13.4	5.4	1.8		34.0	112
	21-23	100.0	90.9	45.5	36.4	27.3	27.3	9.1			40.9	11
TOTALS		99.4	79.3	53.7	38.9	26.4	18.4	9.9	4.8	2.1	39.0	1191

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-75
PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02											
	03-05											
	06-08	100.0	98.3	85.9	68.7	52.4	36.3	27.3	14.4	3.9	54.4	355
	09-11	100.0	85.2	58.6	38.0	27.2	17.9	9.3	1.9		39.4	324
	12-14	97.3	60.6	42.4	24.2	14.0	5.4	1.8			30.2	335
	15-17	94.1	57.5	37.9	23.5	10.5	4.6	.7			28.6	153
	18-20	95.6	53.3	35.6	24.4	11.1	6.7	2.2	1.1		28.8	90
	21-23	100.0	83.3	25.0	16.7	8.3					28.1	12
TOTALS		97.8	73.0	47.6	32.6	20.6	11.8	6.9	2.9	.7	34.9	1269

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70,72-75

PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02											
	03-05											
	06-08	100.0	91.2	66.3	41.3	22.0	10.0	4.7	1.8	.6	39.4	341
	09-11	99.3	67.0	35.0	18.5	6.6	3.0	1.3	.7		28.4	303
	12-14	92.5	42.9	16.8	5.6	4.0	2.2	.6			21.9	322
	15-17	81.8	30.3	10.6	5.3	1.5	.8	.8	.8		18.8	132
	18-20	96.6	52.5	26.3	6.8	1.7	.8				23.7	118
	21-23	96.4	42.9	17.9	7.1	7.1	3.6				23.7	28
TOTALS		94.4	54.5	28.8	14.1	7.2	3.4	1.2	.6	.1	26.0	1244

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02											
	03-05	100.0	100.0								25.0	1
	06-08	100.0	78.0	37.4	17.0	8.0	4.1	2.7	1.1	.5	30.8	364
	09-11	96.3	43.1	10.8	5.5	1.8	.6	.3			21.4	325
	12-14	84.7	19.2	6.1	2.2	.3					16.5	313
	15-17	76.8	8.9	2.4							13.9	168
	18-20	83.3	11.5	2.1							15.3	96
	21-23	100.0	44.0	4.0							20.5	25
TOTALS		91.6	43.5	9.0	3.5	1.4	.7	.4	.2	.1	20.5	1292

RELATIVE HUMIDITY

JUN
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02											
	03-05											
	06-08	100.0	76.4	39.3	18.8	6.7	3.1	.8	.3		30.2	356
	09-11	96.2	38.9	16.9	4.8	.6					21.5	314
	12-14	82.8	24.3	7.1	1.0	.3					16.9	296
	15-17	66.9	11.3	2.1	.7						13.5	142
	18-20	90.7	22.2	7.4	1.9						17.2	108
	21-23	100.0	24.1	6.9							19.4	29
TOTALS		89.4	32.9	13.3	4.5	1.3	.5	.1	.1		19.8	1245

RELATIVE HUMIDITY

JUL
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02											
	03-05	100.0	100.0	66.7							32.7	3
	06-08	100.0	93.2	75.8	52.9	24.8	11.3	5.2	1.9		42.2	310
	09-11	100.0	84.1	54.1	22.0	6.9	1.2				32.3	246
	12-14	98.9	72.4	25.8	4.0	1.1					25.4	275
	15-17	96.7	70.8	16.7	5.8	2.5	2.5	.8			25.4	120
	18-20	100.0	70.3	24.3	5.4	4.1					26.1	74
	21-23	100.0	84.6	46.2	7.7						30.0	26
TOTALS		99.4	82.2	44.2	14.0	5.6	2.1	.9	.3		30.6	1054

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
AUG	00-02										
	03-05										
	06-08	100.0	99.5	87.5	64.9	39.5	18.8	8.4	3.3	47.8	367
	09-11	100.0	92.6	67.3	34.9	14.3	4.4	.7		37.1	272
	12-14	100.0	80.8	34.8	10.9	3.6	1.0			28.6	302
	15-17	100.0	67.5	21.0	5.1	1.9	1.9	1.3		25.6	157
	18-20	100.0	77.5	39.3	15.7	5.6	4.5	2.2		30.4	89
	21-23	100.0	81.5	40.7	18.5					29.0	27
TOTALS		100.0	83.2	48.4	25.0	10.8	5.1	2.1	.6	33.1	1214

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70,72-74
PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02											
	03-05											
	06-08	100.0	97.3	74.9	49.9	29.8	11.5	4.4	2.4	.9	43.0	339
	09-11	100.0	79.8	43.6	24.1	10.1	2.3	1.0	1.0		31.7	307
	12-14	97.3	53.5	29.9	10.3	2.7	1.0	1.0	.3		25.0	301
	15-17	89.5	54.3	25.7	2.9						22.6	105
	18-20	98.6	50.7	28.2	14.1	2.8					25.0	71
	21-23	100.0									19.0	1
TOTALS		97.6	55.9	33.7	16.9	7.6	2.5	1.1	.6	.2	27.7	1124

RELATIVE HUMIDITY

OCT
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02											
	03-05											
	06-08	100.0	99.4	81.8	68.6	49.0	34.9	24.0	13.5	2.9	53.2	341
	09-11	100.0	86.4	61.9	38.4	23.2	15.2	8.3	3.0	.3	39.4	302
	12-14	99.4	62.3	34.1	17.2	12.7	7.5	3.6	1.3	.6	29.3	308
	15-17	96.7	59.5	33.9	19.0	13.2	5.0	4.1	3.3	.8	28.5	121
	18-20	100.0	71.8	44.7	31.8	21.2	11.8	7.1	4.7		35.0	85
	21-23	100.0	50.0	50.0							28.0	2
TOTALS		99.4	71.6	51.1	29.2	19.9	12.4	7.9	4.3	.8	35.6	1159

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-74
PERIOD

NDV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NDV	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0					59.0	1
	06-08	100.0	98.8	92.7	79.7	67.5	52.5	31.0	19.7	9.9	60.8	335
	09-11	100.0	96.9	77.6	60.1	44.1	24.8	15.0	6.6	2.4	48.2	286
	12-14	100.0	75.7	46.5	26.1	15.5	9.2	6.3	1.8	.7	33.7	284
	15-17	100.0	72.0	39.6	18.3	10.4	6.7	5.5	.6		31.0	164
	18-20	100.0	87.4	61.1	34.7	18.9	10.5	8.4	2.1		37.8	95
	21-23	100.0	100.0								29.0	1
TOTALS		100.0	90.1	59.8	45.6	36.6	14.8	9.5	4.4	1.9	42.8	1166

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148 GILA BEND AAF ARIZONA
STATION

STATION NAME

68-74

PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02											
	03-05	100.0	100.0	100.0	100.0	50.0	50.0	50.0	50.0	50.0	73.0	2
	06-08	100.0	99.4	97.8	95.8	84.0	68.8	47.5	31.2	16.0	69.7	356
	09-11	100.0	99.7	94.5	81.3	57.7	41.4	28.2	12.0	2.0	57.4	326
	12-14	100.0	93.1	70.9	48.1	28.1	19.7	13.8	5.6	.6	43.8	320
	15-17	100.0	86.5	58.3	35.0	16.6	10.4	8.6	4.9	.6	37.8	163
	18-20	100.0	99.0	83.7	50.0	29.8	18.3	12.5	4.8	1.0	45.8	104
	21-23	100.0	100.0	90.0	80.0	60.0	30.0	30.0	30.0	10.0	58.3	10
TOTALS		100.0	96.8	85.0	70.0	46.6	34.1	27.2	19.8	11.6	55.1	1281

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

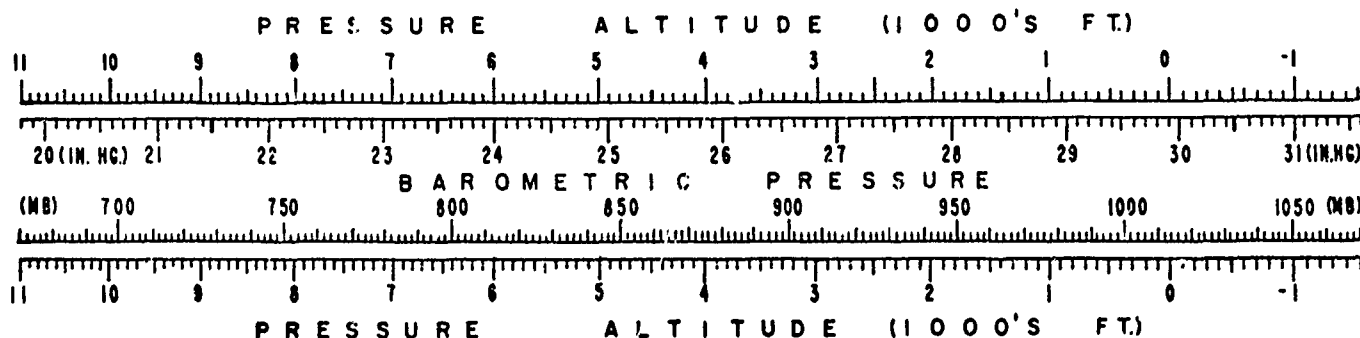
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars. **DATA NOT AVAILABLE**

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

03148 GILA BEND AAF ARIZONA

71-75

STATION		STATION NAME										YEARS			
HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
02	MEAN S D TOTAL OBS														
05	MEAN S D TOTAL OBS					29.470 1		29.607 3				29.510 1	29.795 2	29.627 .152 7	
08	MEAN S D TOTAL OBS	29.822 .146 76	29.790 .107 73	29.686 .107 85	29.667 .096 81	29.604 .096 87	29.567 .081 84	29.635 .065 63	29.618 .064 78	29.624 .080 53	29.696 .099 58	29.632 .279 83	29.660 .326 69	29.666 .168 890	
11	MEAN S D TOTAL OBS	29.875 .144 39	29.801 .096 40	29.693 .118 43	29.674 .097 38	29.598 .098 57	29.566 .090 59	29.646 .070 35	29.618 .065 37	29.644 .070 31	29.706 .108 19	29.772 .132 34	29.845 .121 33	29.692 .142 465	
14	MEAN S D TOTAL OBS	29.781 .135 72	29.745 .100 68	29.654 .149 88	29.620 .090 74	29.547 .093 79	29.518 .088 62	29.551 .065 58	29.559 .062 72	29.572 .082 51	29.641 .096 52	29.615 .261 75	29.639 .303 65	29.623 .167 816	
17	MEAN S D TOTAL OBS	29.830 .081 5	29.708 .049 5	29.517 .146 6	29.577 .094 7	29.459 .094 19	29.428 .100 18	29.499 .050 8	29.499 .060 12	29.570 2	29.650 3	29.714 .093 17	29.795 .187 28	29.606 .185 130	
20	MEAN S D TOTAL OBS	29.748 .149 10	29.714 .078 17	29.591 .167 13	29.589 .085 28	29.511 .089 32	29.466 .088 38	29.525 .070 28	29.514 .063 33	29.580 1	29.652 .107 13	29.711 .058 15	29.790 .075 16	29.581 .134 244	
23	MEAN S D TOTAL OBS														
ALL HOURS	MEAN S D TOTAL OBS	29.814 .144 202	29.768 .103 203	29.665 .134 235	29.640 .097 228	29.565 .104 275	29.531 .098 261	29.590 .084 195	29.579 .076 232	29.608 .083 138	29.673 .102 145	29.658 .240 225	29.711 .275 213	29.646 .165 2552	